

AVONDALE DWG NO C3-222		29-01-022	REV B				
CAGE 94421	COMSC DWG NO 085-6975805						
GENERAL NOTES							
UNIT:		CDRL: B031-3					
DISTRIBUTION STATEMENT APPROVED FOR PUBLIC RELEASE, DISTRIBUTION IS UNLIMITED.		THIS DWG INCORPORATES THE FOLLOWING CHANGE ORDERS					
		HMR	HMR	HMR	FMR	FMR	FMR
2374	FISHER						
AVONDALE NO	VESSEL		AVONDALE NO	VESSEL			
A Avondale Shipyards Division P O BOX 50280 NEW ORLEANS LA 70150-0280 CAGE 1CC97		AVONDALE JOB NO		C3-222			
		COMMANDER MILITARY SEALIFT COMMAND WASHINGTON, D.C. 20398-5100					
CONTRACT NUMBER N00024-93-C-2205		T-AKR 300 STRATEGIC SEALIFT SHIP					
DRAWN DATE A.R. 9/26/97		TANK CAPACITY CURVES (T-AKR 301 ONLY)					
CHECKED W.S. 9/26/97							
APVD		SIZE	AVONDALE DWG NO C3-222 29-01-022		REV B		
D.F.N. 9/26/97		B	CAGE 94421		DWG NO 085-6975805		
APVD			COMSC				
A.E.R. 9/26/97		SCALE		SH NO 1	OF 76		
1.	SOUNDING TUBE DESCRIPTIONS PENDING INSTALLATION.						
NO	DESCRIPTION						
RESERVATIONS							

INDEX													
SH NO	TITLE				SH NO	TITLE				SH NO	TITLE		
31	NO 4B WING BALLAST TANK S 8-78-3				66	CSA WASTE OIL TANK 8-87-2							
32	NO 6A WING BALLAST TANK P/S 8-99-4/3				67	CSA OILY WASTE HOLDING TANK 8-87-4							
33	NO 6B WING BALLAST TANK P/S 8-103-4/3				68	ENGINE ROOM WASTE OIL TANK 8-94-2							
34	NO 6D SW BALLAST TANK P/S 8-109-2/1				69	ENGINE ROOM OILY WASTE HOLDING TANK 8-93-2							
35	AFT PEAK BALLAST TANK P/S 8-113-2/1				70	OILY WASTE DRAIN COLLECTING TANK 7.5-86-2							
36	LIST CONTROL TANK P/S 6-64-2/1				71	USED OIL TANK 8-93-3							
37	POTABLE WATER TANK NO 1 5-95-7				72	FUEL OIL OVERFLOW TANK 8-93-1							
38	POTABLE WATER TANK NO 2 5-95-9				73	STERN TUBE LO DRAIN TANK P/S 7.5-97-2/1							
39	RESV FEED WATER TANK 5-91-1				74	VCHT TANK 2.5-91-2							
40	DIST WATER TANK 4.5-91-1				75	WASTE WATER TANK 2.5-94-2							
41	FUEL OIL TANK NO 1B P/S 8-29-2/1				76	FIXED BALLAST TANK 8-57-0							
42	FUEL OIL TANK NO 2A P/S 8-33-2/1												
43	FUEL OIL TANK NO 2B P/S 8-38-2/1												
44	FUEL OIL TANK NO 2C P/S 8-44-2/1												
45	FUEL OIL TANK NO 3A P/S 8-50-2/1												
46	FUEL OIL TANK NO 3C P/S 8-64-2/1												
47	FUEL OIL TANK NO 4A P/S 8-71-2/1												
48	FUEL OIL TANK NO 4B P/S 8-78-2/1												
49	FUEL OIL TANK NO 6A P/S 8-99-2/1												
50	FUEL OIL TANK NO 6B P/S 8-103-2/1												
51	FUEL OIL TANK NO 6C P/S 8-106-2/1												
52	SSDG FUEL OIL SERVICE TANK 6.5-99-1												
53	FUEL OIL SETTLING TANK 8-99-0												
54	FUEL OIL SERVICE TANK P 6.5-85-2												
55	FUEL OIL SERVICE TANK S 6.5-85-1												
56	EM GEN FO SERVICE TANK 02.5-103-1												
57	ME/SSDG LO STORAGE TANK P 6.5-91-2												
58	ME/SSDG LO STORAGE TANK S 6.5-90-1												
59	ME/SSDG LO SETTLING TANK P 6.5-93-2												
60	CPP LO STORAGE TANK 5-93-2												
61	CPP LO SETTLING TANK 5-95-3					REVISIONS				SIZE B	AVONDALE DWG NO		REV B
62	RG LO STORAGE TANK 5-92-2										C3-222 29-01-022		
63	RG LO SETTLING TANK 5-95-5										CAGE	DWG NO	
64	ME LO SUMP TANK P/S 7.5-86-4/1										94421	COMSC 085-6975805	
65	ME LO SUMP TANK P/S 7.5-86-6/3											SH NO 3	

GENERAL NOTES

1. THE TANK CAPACITY DATA PRESENTED IN THIS BOOKLET ARE BASED ON A ZERO TRIM AND LIST CONDITION OF THE VESSEL.
2. THE CALCULATIONS INCLUDE A 2% DEDUCTION VALUE FOR ITEMS SUCH AS STRUCTURE, PIPING AND OUTFITTING LOCATED WITHIN THE BOUNDARIES. THESE DEDUCTIONS WERE APPLIED UNIFORMLY OVER THE DEPTH OF THE TANK.
3. FOR SIMPLICITY, ANY SYMMETRICAL (PORT & STBD) TANKS ARE DESIGNATED AS "P OR S" ON THE HEADING OF THEIR RESPECTIVE CURVE PLOTS. THE DATA PROVIDED IN SUCH PLOTS ARE FOR EITHER PORT OR STBD TANKS. HOWEVER, VALUES FOR EACH TANK ARE LISTED IN THE TANK SUMMARY TABLES.

4. THE REFERENCE PLANES USED IN THE CURVES ARE AS FOLLOWS:
 - A) VERTICAL: BOTTOM OF THE KEEL = 0.07' BELOW BASELINE.
 - B) LONGITUDINAL: FWD PERPENDICULAR = 0.00' FROM FRAME 0
 - C) TRANSVERSE: LONGITUDINAL CENTERLINE = PORT IS POSITIVE, STARBOARD IS NEGATIVE.

NOTE: THE TCG VALUES SHOWN ON THE CURVES FOR SYMMETRICAL (P & S) TANKS ARE SHOWN AS POSITIVE VALUES. IF A SYMMETRICAL PAIR OF TANKS ARE USED INDIVIDUALLY, SIMPLY USE A NEGATIVE TCG VALUE FOR THE STARBOARD TANK.

5. THE FOLLOWING CONVERSION FACTORS MAY BE USEFUL:

<u>DIVIDE</u>	<u>BY</u>	<u>TO OBTAIN</u>
GALLONS	261.835	LONG TONS SALT WATER
GALLONS	269.316	LONG TONS FRESH WATER
GALLONS	316.596	LONG TONS DFM
GALLONS	291.759	LONG TONS LUBE OIL
GALLONS	7.481	CUBIC FEET

GENERAL NOTES (CONT'D)

5. CONVERSION FACTORS CONTINUED:

<u>MULTIPLY</u>	<u>BY</u>	<u>TO OBTAIN</u>
LONG TONS	2240	POUNDS
LONG TONS	1.12	SHORT TONS
LONG TONS	1.016	METRIC TONS
LONG TONS SW	35.00	CUBIC FEET
LONG TONS FW	36.00	CUBIC FEET
LONG TONS DFM	42.32	CUBIC FEET
LONG TONS LO	39.00	CUBIC FEET

6. ALL CURVES EXCEPT THE VCG CURVE ARE TO BE READ AS FOLLOWS: DETERMINE THE HEIGHT ABOVE KEEL OF THE LIQUID SURFACE, READ ACROSS TO THE DESIRED CURVE, THEN READ UP OR DOWN TO THE APPROPRIATE SCALE.

THE VCG CURVE IS READ BY FIRST DETERMINING THE HEIGHT ABOVE KEEL OF THE LIQUID SURFACE AND THEN READ ACROSS TO THE CAPACITY CURVE. NEXT, READ DOWN TO THE VCG CURVE AND THEN BACK TO THE "HEIGHT ABOVE KEEL" SCALE.

THE CONVERSION OF CURVE READINGS IS DETERMINED BY USING THE CORRESPONDING SCALING VALUES IN THE LOWER RIGHT CORNER OF EACH PLOT.

REVISIONS

SIZE

B

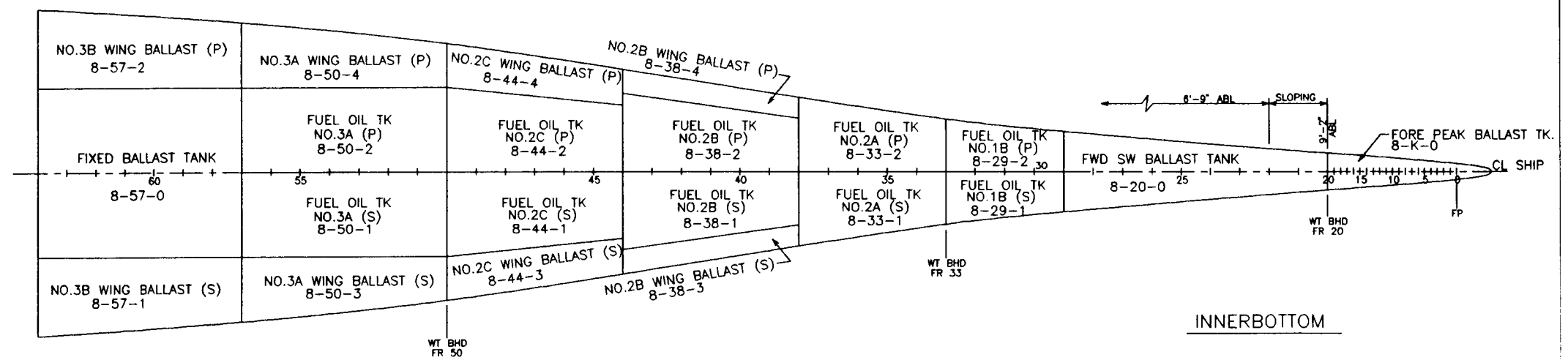
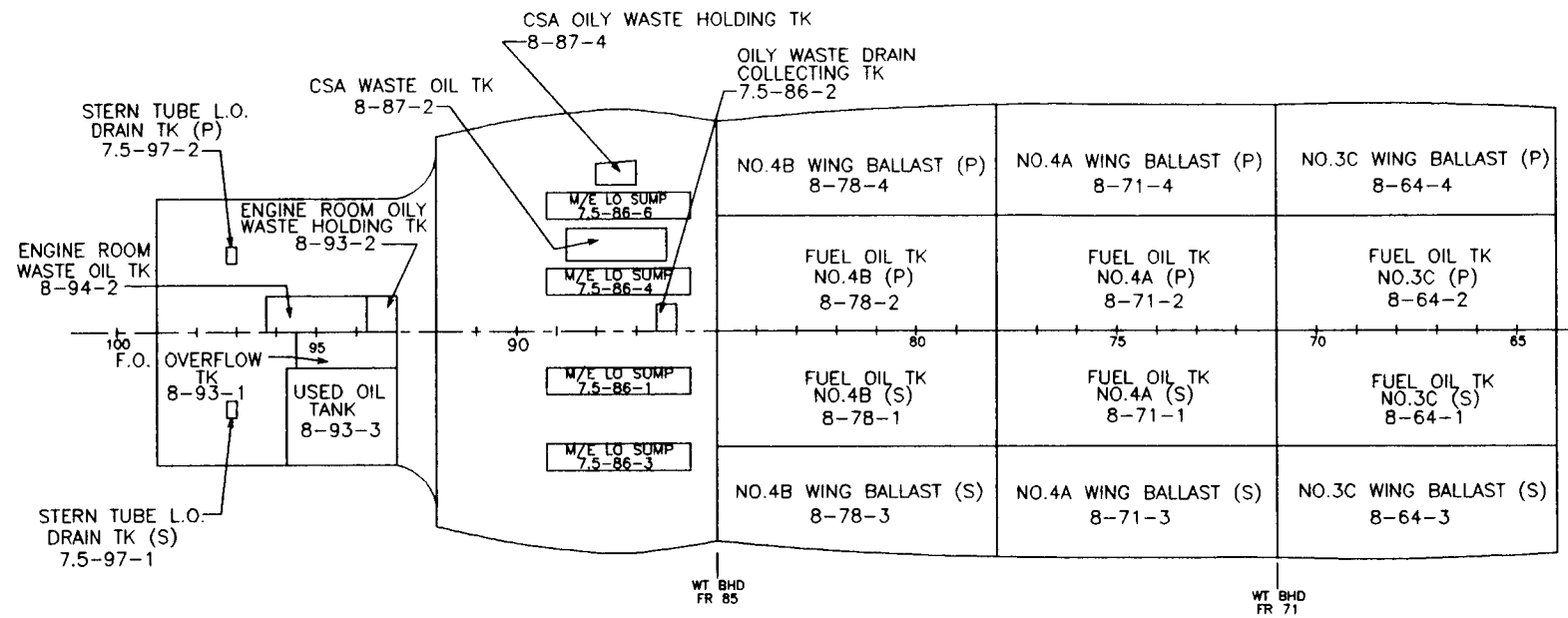
AVONDALE DWG NO
C3-222 29-01-022

REV
B

CAGE 94421 DWG NO
COMSC 085-6975805

SH NO 4

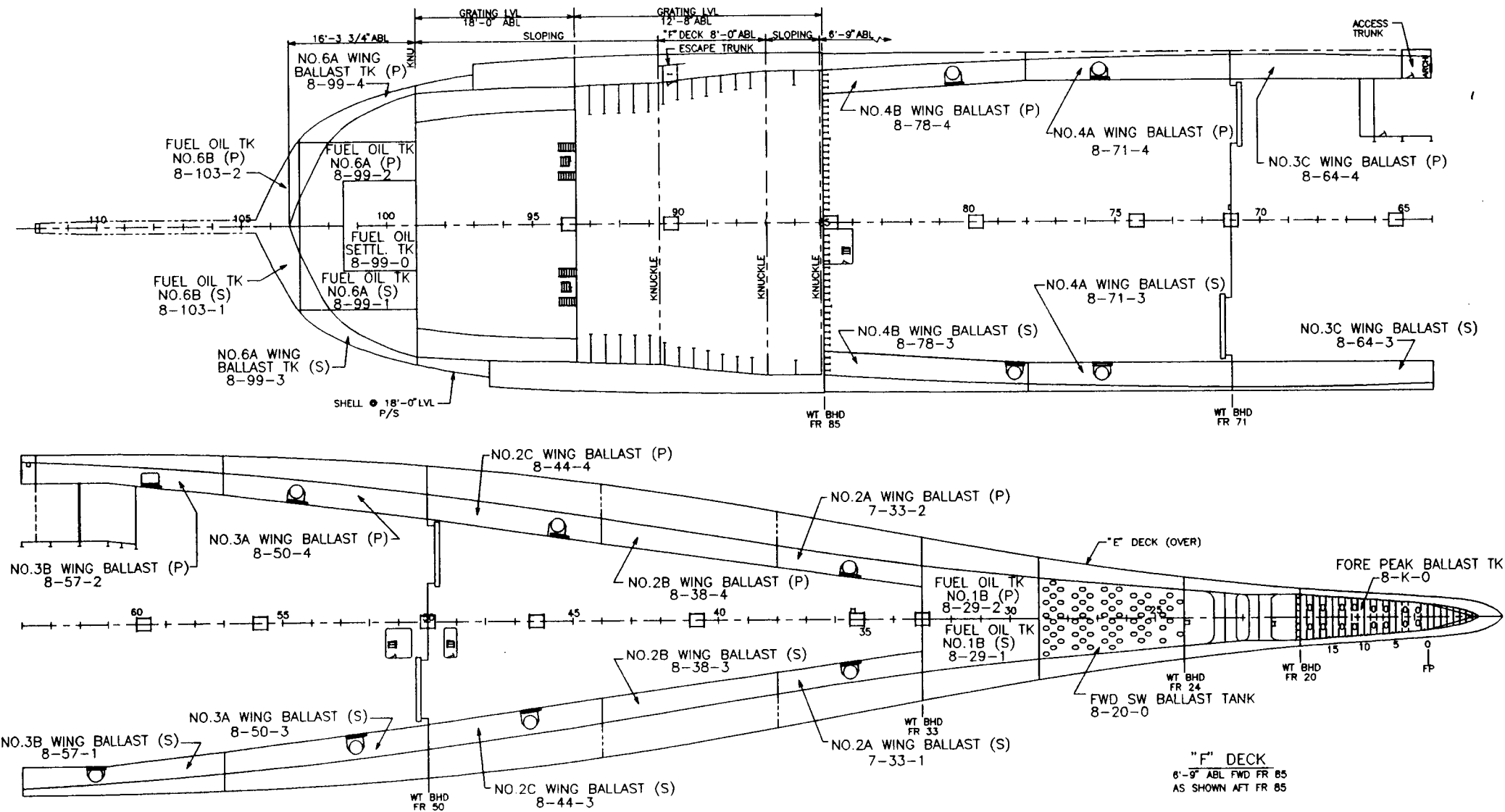
										REVISIONS					
										REV	SH ZN	DESCRIPTION			
										A	39	1. REVISED RESERVE FEED WATER TANK 5-91-1 TO CORRECT.			
											40	2. REVISED DISTILLED WATER TANK 4.5-91-1 TO CORRECT.			
												3. REVISED THE FOLLOWING TANK DESIGNATIONS:			
												FROM			TO
											56	EM GEN FO SERVICE TK.	02-103-1	02.5-103-1	
											64	ME LO. SUMP TK P	7.5-86-2	7.5-86-4	
											65	ME LO. SUMP TK P	7.5-86-4	7.5-86-6	
											70	OILY WASTE DRAIN COLL. TK	8-86-2	7.5-86-2	
											3,6, 10,11 & 12	REVISED INDEX, KEY PLAN & SUMMARIES TO REFLECT DESIGNATION CHANGES.			
															BY: A.R. 12/16/97
				APVD: D.F.N. 12/16/97											
										B	ALL	1. ADDED SOUNDING TUBE DESCRIPTIONS AND RELEASED RESERVATION NO 1.			
															BY: A.R. 12/14/98
															APVD: <i>Doris</i> 12/14/98
										REVISIONS		SIZE B	AVONDALE DWG NO C3-222 29-01-022		REV B
											CAGE 94421	DWG NO COMSC 085-6975805			
													SH NO	5	



INNERBOTTOM

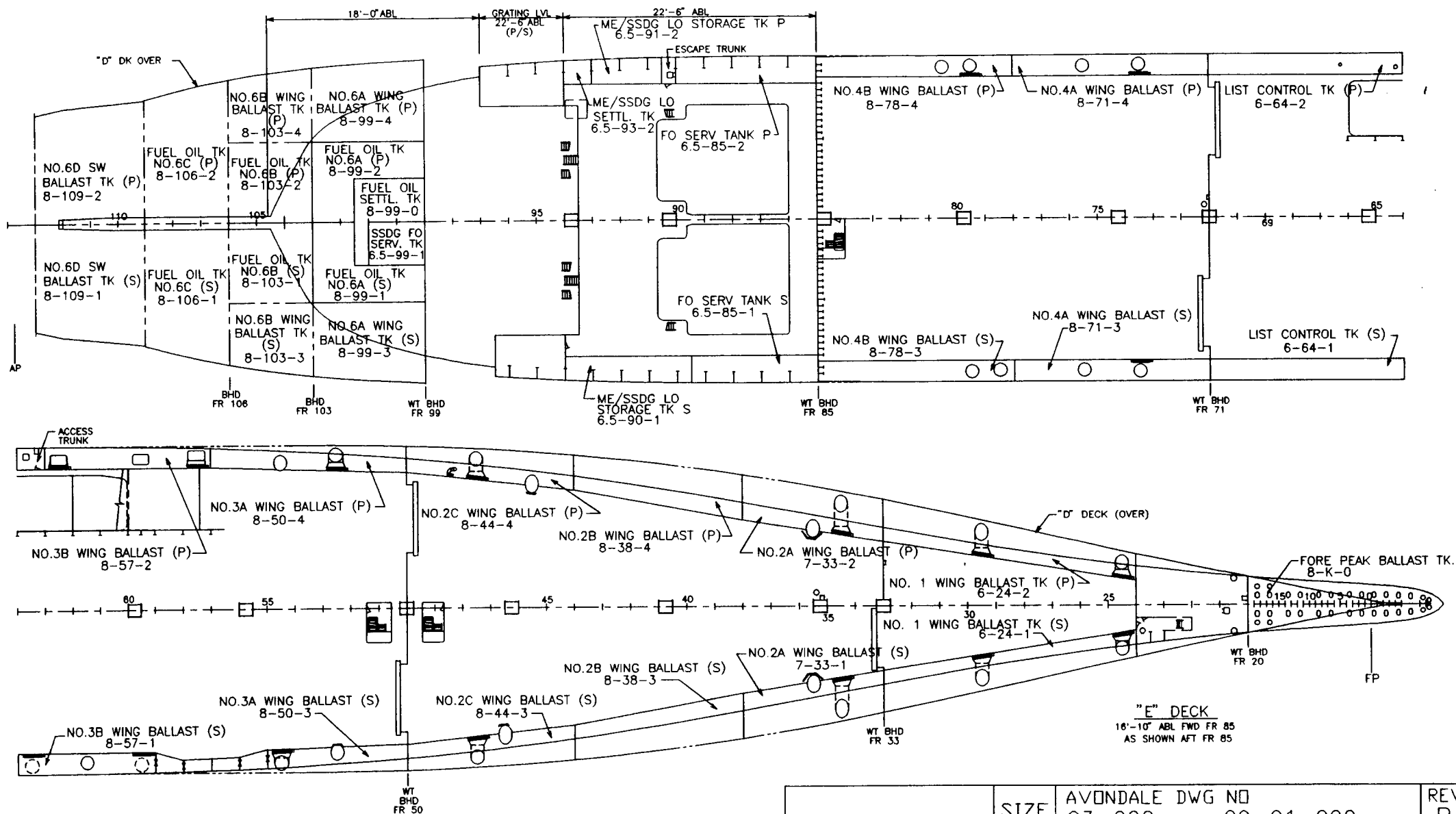
KEY PLAN

REVISIONS	SIZE	AVONDALE DWG NO		REV
	B	C3-222 29-01-022		B
		CAGE	DWG NO	
		94421	COMSC 085-6975805	
			SH NO	6



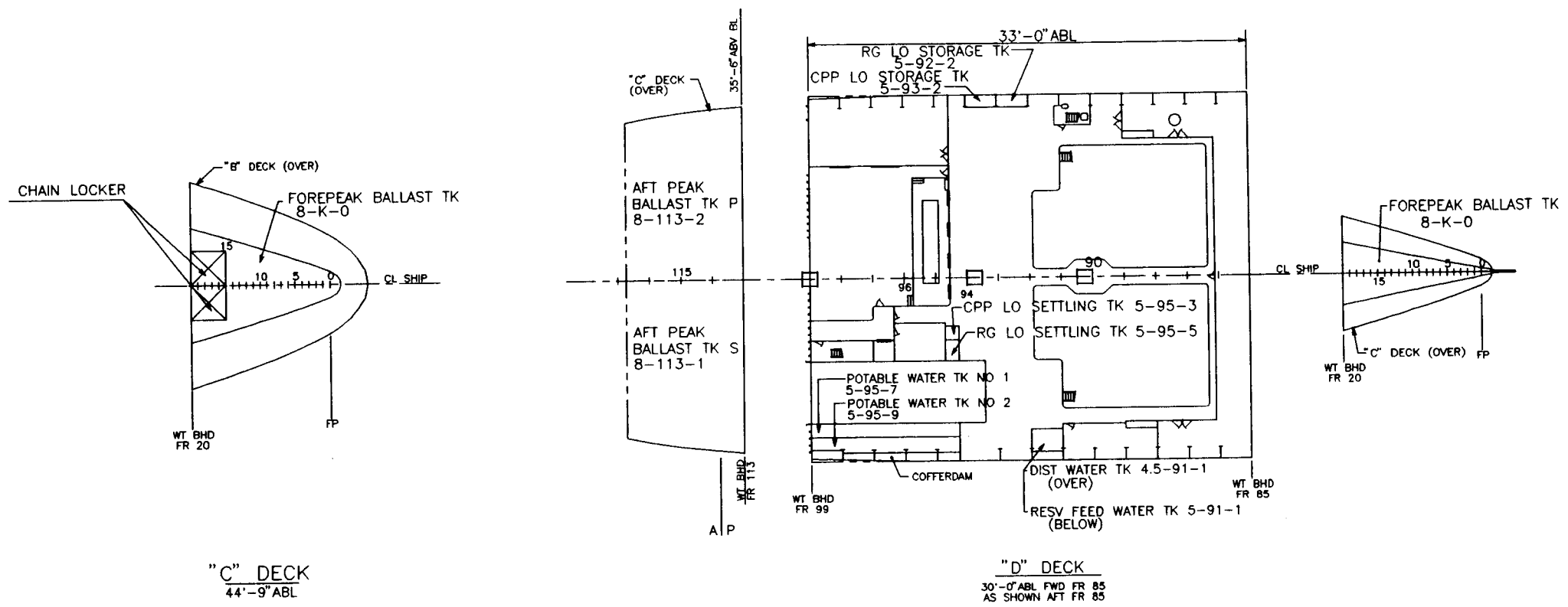
KEY PLAN

REVISIONS	SIZE	AVONDALE DWG NO		REV B
	B	C3-222	29-01-022	
		CAGE	DWG NO	
		94421	COMSC 085-6975805	
			SH NO 7	



KEY PLAN

REVISIONS	SIZE	AVONDALE DWG NO		REV
		C3-222	29-01-022	
	B	CAGE	DWG NO	
		94421	COMSC 085-6975805	
			SH NO 8	



KEY PLAN

REVISIONS	SIZE	AVONDALE DWG NO		REV
	B	C3-222 29-01-022		B
		CAGE	DWG NO	
		94421	COMSC 085-6975805	
			SH NO 9	

BALLAST TANK SUMMARY

TANK	FRAME	CAPACITY 100% FULL GALLONS	CENTERS @ 100%			MAX FREE SURF (FT-LT)	
			VCG ABV KL (FEET)	LCG FROM FP (FEET)	TCG FROM CL (FEET)		
FOREPEAK	8-K-0	STEM-20	326785	36.98	18.54	0.00	9415.0
FWD SW BALLAST TK	8-20-0	20-29	134879	9.55	95.19	-0.02	3338.7
NO 1 WING BALLAST TK P	6-24-2	24-33	52493	24.68	120.74	19.24	718.4
NO 1 WING BALLAST TK S	6-24-1	24-33	54265	24.49	120.19	-19.12	719.5
NO 2A WING BALLAST TK P	7-33-2	33-38	74305	18.85	180.34	24.95	515.4
NO 2A WING BALLAST TK S	7-33-1	33-38	74749	18.75	180.32	-24.88	533.5
NO 2B WING BALLAST TK P	8-38-4	38-44	108367	17.62	228.83	31.90	887.6
NO 2B WING BALLAST TK S	8-38-3	38-44	108367	17.62	228.83	-31.90	887.6
NO 2C WING BALLAST TK P	8-44-4	44-50	103007	15.61	283.22	37.61	802.7
NO 2C WING BALLAST TK S	8-44-3	44-50	102877	15.58	282.90	-37.63	764.8
NO 3A WING BALLAST TK P	8-50-4	50-57	124786	13.78	341.87	41.46	816.0
NO 3A WING BALLAST TK S	8-50-3	50-57	122339	13.57	341.65	-41.41	816.0
NO 3B WING BALLAST TK P	8-57-2	57-64	121702	11.13	403.27	42.28	1786.4
NO 3B WING BALLAST TK S	8-57-1	57-64	127398	11.27	404.93	-42.61	1786.4
NO 3C WING BALLAST TK P	8-64-4	64-71	103286	6.44	469.27	40.92	2414.6
NO 3C WING BALLAST TK S	8-64-3	64-71	108876	6.73	467.80	-41.29	2414.6
NO 4A WING BALLAST TK P	8-71-4	71-78	143013	11.15	530.14	43.28	2350.3
NO 4A WING BALLAST TK S	8-71-3	71-78	144204	11.15	530.12	-43.33	2350.3
NO 4B WING BALLAST TK P	8-78-4	78-85	137277	11.83	593.94	42.85	1839.0
NO 4B WING BALLAST TK S	8-78-3	78-85	138709	11.87	594.35	-42.90	1839.0
NO 6A WING BALLAST TK P	8-99-4	99-103	79092	24.73	767.41	36.11	1330.7
NO 6A WING BALLAST TK S	8-99-3	99-103	79092	24.73	767.41	-36.11	1330.7
NO 6B WING BALLAST TK P	8-103-4	103-106	33054	27.07	799.08	34.53	682.5
NO 6B WING BALLAST TK S	8-103-3	103-106	33054	27.07	799.08	-34.53	682.5
NO 6D SW BALLAST TK P	8-109-2	109-113	36960	30.62	857.13	12.12	1714.8
NO 6D SW BALLAST TK S	8-109-1	109-113	36960	30.62	857.13	-12.12	1714.8
AFT PEAK BALLAST TK P	8-113-2	113-117	92901	39.83	893.02	19.17	6929.8
AFT PEAK BALLAST TK S	8-113-1	113-117	92901	39.83	893.02	-19.17	6929.8
TOTALS			2895698	19.07	404.32	-0.21	58311.4

FRESH WATER TANK SUMMARY

TANK	FRAME	CAPACITY 100% FULL GALLONS	CENTERS @ 100%			MAX FREE SURF (FT-LT)	
			VCG ABV KL (FEET)	LCG FROM FP (FEET)	TCG FROM CL (FEET)		
POTABLE WATER TANK NO 1	5-95-7	94-99	12706	38.90	729.75	-44.26	4.1
POTABLE WATER TANK NO 2	5-95-9	94-99	15827	38.94	729.07	-48.17	8.1
RESV FEED WATER TANK	5-91-1	91-92	2513	35.91	683.50	-47.21	5.5
DIST WATER TANK	4.5-91-1	91-92	2513	41.98	683.50	-47.21	5.5
TOTALS			33559	38.93	722.69	-46.54	23.2

LIST CONTROL TANK SUMMARY

TANK	FRAME	CAPACITY 100% FULL (GALLONS)	CENTERS @ 100%			MAX FREE SURF (FT-LT)
			VCG ABV KL (FEET)	LCG FROM FP (FEET)	TCG FROM CL (FEET)	
LIST CONTROL TANK P 6-64-2	64-71	42076	23.48	467.50	49.46	48.7
LIST CONTROL TANK S 6-64-1	64-71	42076	23.48	467.50	-49.46	48.7
TOTALS		84152	23.48	467.50	0.00	97.4

FIXED BALLAST TANK SUMMARY

TANK	FRAME	CAPACITY 100% FULL (GALLONS)	CENTERS @ 100%			MAX FREE SURF (FT-LT)
			VCG ABV KL (FEET)	LCG FROM FP (FEET)	TCG FROM CL (FEET)	
FIXED BALLAST TANK 8-57-0	57-64	162126	3.45	404.50	0.0	0.0
TOTALS		162126	3.45	404.50	0.0	0.0

REVISIONS	SIZE B	AVONDALE DWG NO C3-222 29-01-022		REV B
		CAGE 94421	DWG NO COMSC 085-6975805	
		SH NO 11		

FUEL OIL TANK SUMMARY

TANK	FRAME	CAPACITY 100% FULL GALLONS	CAPACITY 98% FULL GALLONS	CENTERS @ 98%			MAX FREE SURF (FT-LT)
				VCG ABV KL (FEET)	LCG FROM FP (FEET)	TCG FROM CL (FEET)	
FUEL OIL TANK NO 1B P 8-29-2	29-33	66501	65173	9.95	139.78	8.43	757.3
FUEL OIL TANK NO 1B S 8-29-1	29-33	66501	65173	9.95	139.78	-8.43	757.3
FUEL OIL TANK NO 2A P 8-33-2	33-38	30620	30007	3.96	180.92	7.52	679.7
FUEL OIL TANK NO 2A S 8-33-1	33-38	30620	30007	3.96	180.92	-7.52	679.7
FUEL OIL TANK NO 2B P 8-38-2	38-44	48679	47705	3.65	230.86	9.48	915.9
FUEL OIL TANK NO 2B S 8-38-1	38-44	48679	47705	3.65	230.86	-9.48	915.9
FUEL OIL TANK NO 2C P 8-44-2	44-50	60550	59337	3.46	284.21	11.45	1349.7
FUEL OIL TANK NO 2C S 8-44-1	44-50	60550	59337	3.46	284.21	-11.45	1349.7
FUEL OIL TANK NO 3A P 8-50-2	50-57	80829	79212	3.39	341.56	12.97	2136.6
FUEL OIL TANK NO 3A S 8-50-1	50-57	80829	79212	3.39	341.56	-12.97	2136.6
FUEL OIL TANK NO 3C P 8-64-2	64-71	81063	79442	3.38	467.50	13.00	2136.6
FUEL OIL TANK NO 3C S 8-64-1	64-71	81063	79442	3.38	467.50	-13.00	2136.6
FUEL OIL TANK NO 4A P 8-71-2	71-78	81063	79442	3.38	530.50	13.00	2136.6
FUEL OIL TANK NO 4A S 8-71-1	71-78	81063	79442	3.38	530.50	-13.00	2136.6
FUEL OIL TANK NO 4B P 8-78-2	78-85	80921	79303	3.38	593.45	12.98	2126.2
FUEL OIL TANK NO 4B S 8-78-1	78-85	80921	79303	3.38	593.45	-12.98	2126.2
FUEL OIL TANK NO 6A P 8-99-2	99-103	75747	74232	23.02	771.74	16.07	705.8
FUEL OIL TANK NO 6A S 8-99-1	99-103	75747	74232	23.02	771.74	-16.07	705.8
FUEL OIL TANK NO 6B P 8-103-2	103-106	65123	63821	25.04	799.72	12.60	915.7
FUEL OIL TANK NO 6B S 8-103-1	103-106	65123	63821	25.04	799.72	-12.60	915.7
FUEL OIL TANK NO 6C P 8-106-2	106-109	57393	56245	27.61	825.97	17.25	4225.2
FUEL OIL TANK NO 6C S 8-106-1	106-109	57393	56245	27.61	825.97	-17.25	4225.2
SSDG FO SERVICE TANK 6.5-99-1	99-101	12010	11770	28.26	760.00	-7.00	95.3
FUEL OIL SETTLING TANK 8-99-0	99-102	76446	74917	20.76	762.17	1.03	953.2
FUEL OIL SERVICE TK P 6.5-85-2	85-90	30837	30221	27.72	647.49	48.45	61.4
FUEL OIL SERVICE TK S 6.5-85-1	85-90	27764	27209	27.72	645.25	-48.45	55.3
EM GEN FO SERVICE TK 02.5-103-1	102-103	2566	2515	120.49	785.12	-8.00	5.2
TOTALS		1606601	1574470	11.40	512.14	0.08	37341.0

LUBE OIL TANK SUMMARY

TANK	FRAME	CAPACITY 100% FULL (GALLONS)	CAPACITY 98% FULL (GALLONS)	CENTERS @ 98%			MAX FREE SURF (FT-LT)
				VCG ABV KL (FEET)	LCG FROM FP (FEET)	TCG FROM CL (FEET)	
ME/SSDG LO STORAGE TK P 6.5-91-2	91-93	15237	14933	27.76	685.72	48.40	33.2
ME/SSDG LO STORAGE TK S 6.5-90-1	90-94	27389	26852	27.77	685.63	-48.39	59.9
ME/SSDG LO SETTLING TK P 6.5-93-2	93-94	5990	5870	27.81	701.49	48.33	13.3
CPP LO STORAGE TANK	5-93-2	2765	2710	38.83	701.50	51.12	0.9
CPP LO SETTLING TANK	5-95-3	587	575	35.52	710.50	-16.00	0.5
RG LO STORAGE TANK	5-92-2	2776	2721	38.83	692.50	51.12	0.9
RG LO SETTLING TANK	5-95-5	1408	1380	36.99	710.50	-21.00	1.8
ME LO SUMP TK S	7.5-86-1	5664	5551	8.14	643.36	-11.00	11.9
ME LO SUMP TK P	7.5-86-4	5664	5551	8.14	643.36	11.00	11.9
ME LO SUMP TK S	7.5-86-3	5559	5546	8.14	643.36	-28.17	11.9
ME LO SUMP TK P	7.5-86-6	5659	5546	8.14	643.36	28.17	11.9
TOTALS		78798	77235	23.13	676.13	-0.69	158.1

MISCELLANEOUS TANK SUMMARY

MISCELLANEOUS TANK SUMMARY								
TANK		FRAME	CAPACITY 100% FULL GALLONS	CAPACITY 98% FULL GALLONS	CENTERS @ 98%			MAX FREE SURF (FT-LT)
					VCG ABV KL (FEET)	LCG FROM FP (FEET)	TCG FROM CL (FEET)	
CSA WASTE OIL TANK	8-87-2	86-89	9067	8886	4.23	647.31	19.54	18.0
CSA OILY WASTE HOLDING TANK	8-87-4	87-88	2073	2031	5.03	647.36	35.61	2.6
ENGINE ROOM WASTE OIL TANK	8-94-2	94-97	8199	8035	8.77	714.88	4.04	23.2
ENGINE ROOM OILY WASTE HOLDING TK	8-93-2	93-94	2418	2369	7.14	700.33	4.04	7.0
OILY WASTE DRAIN COLLECTING TANK	7.5-86-2	86-87	627	615	5.97	636.26	3.00	1.9
USED OIL TANK	8-93-3	93-96	26453	25917	8.47	709.13	-21.09	1041.8
FO OVERFLOW TANK	8-93-1	93-96	8209	8045	8.03	708.11	-4.04	23.2
STERN TUBE LO DRAIN TANK P	7.5-97-2	97-98	103	101	11.23	734.13	17.58	0.3
STERN TUBE LO DRAIN TANK S	7.5-97-1	97-98	103	101	11.23	734.13	-17.58	0.3
VCHT TANK	2.5-91-2	91-92	2352	2305	67.26	681.01	45.17	5.5
WASTE WATER TANK	2.5-94-2	94-95	11707	11473	70.33	708.05	44.25	10.9
TOTALS			71311	69878	21.82	698.27	6.19	1134.7

REVISIONS

SIZE
B

AVONDALE DWG NO
C3-222 29-01-022

REV
B

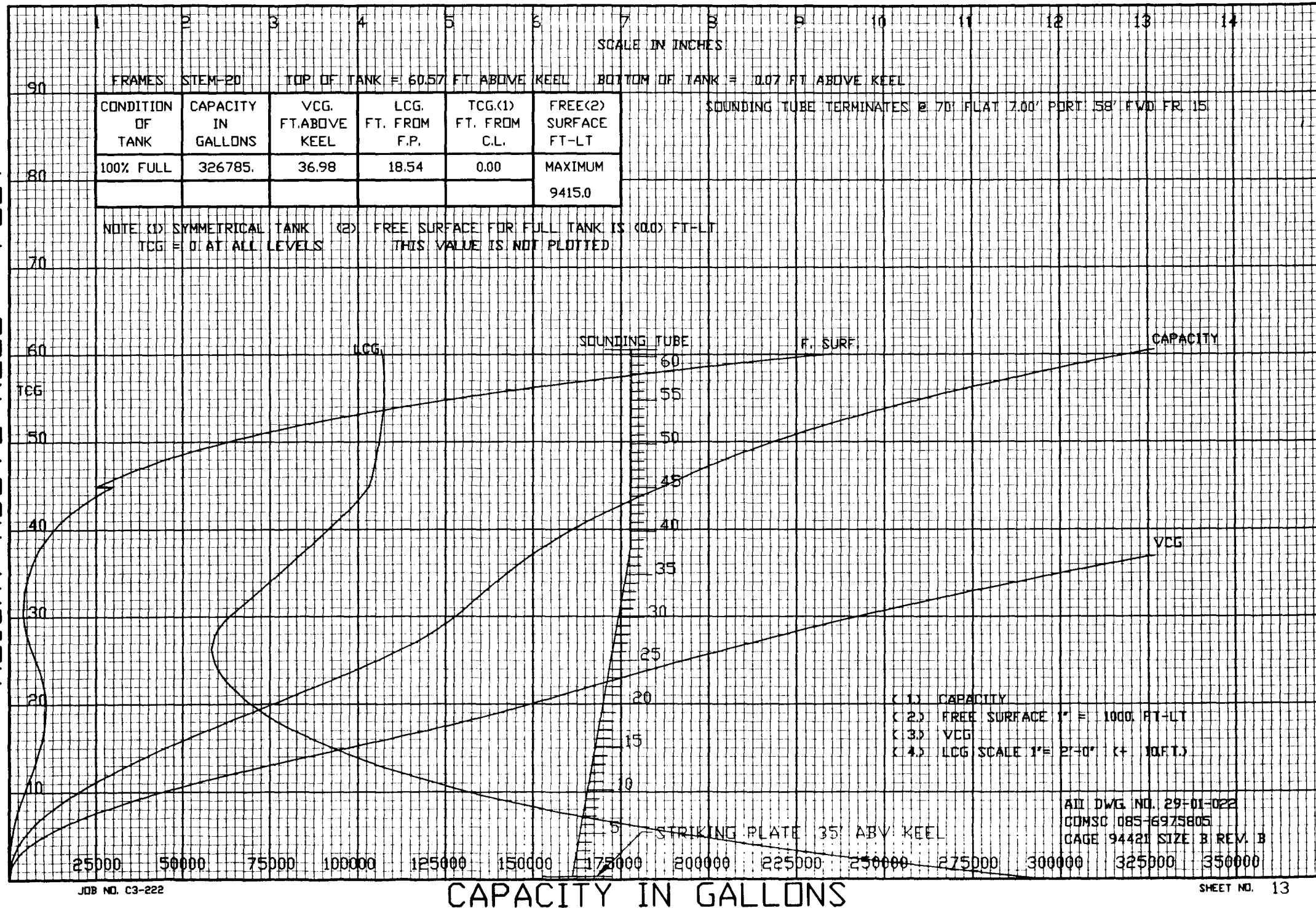
CAGE
94421

DWG NO
COMSC 085-6975805

SH NO 12

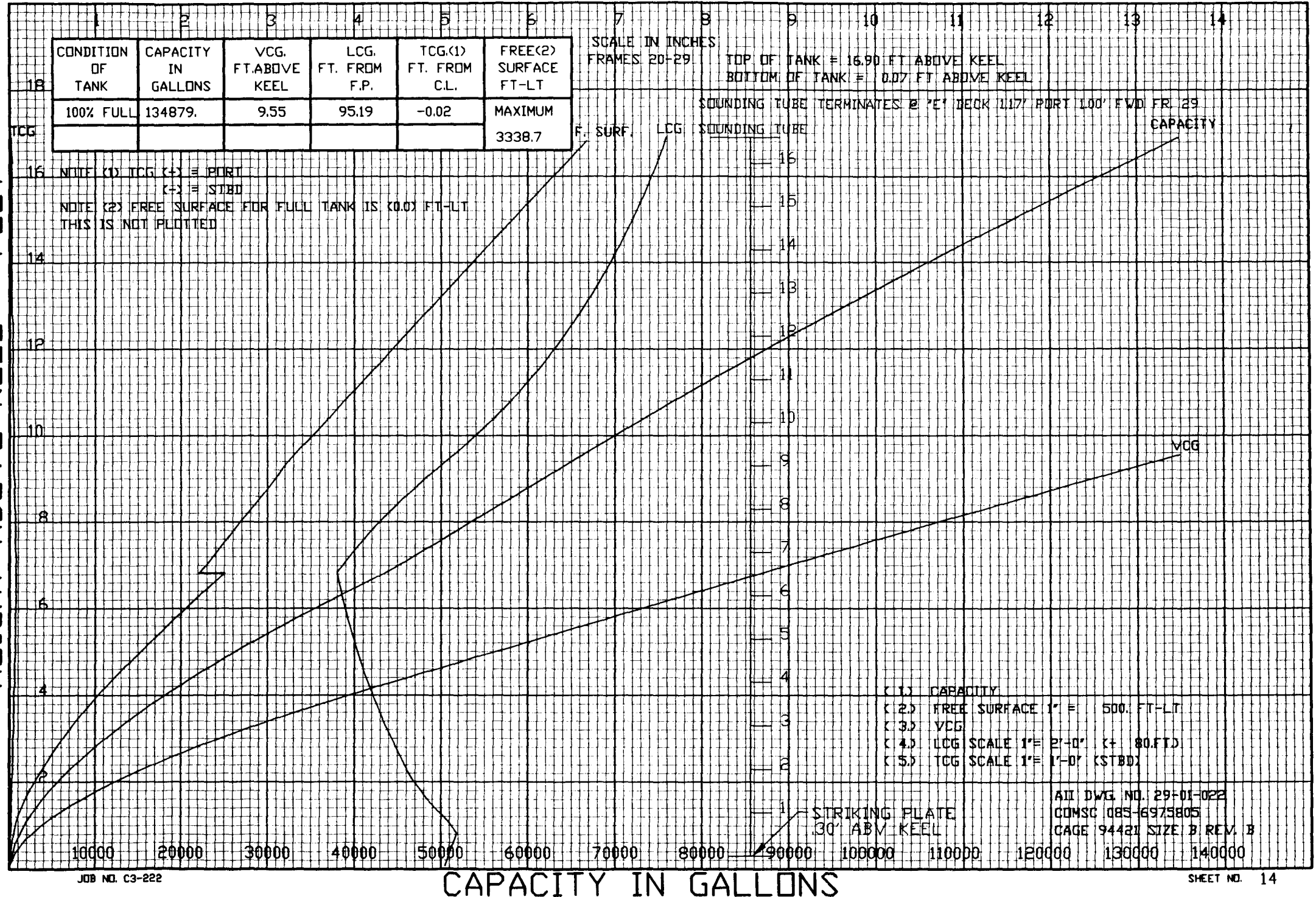
TANK: FOREPEAK BALLAST TANK 8-K-0

HEIGHT ABOVE KEEL - FEET



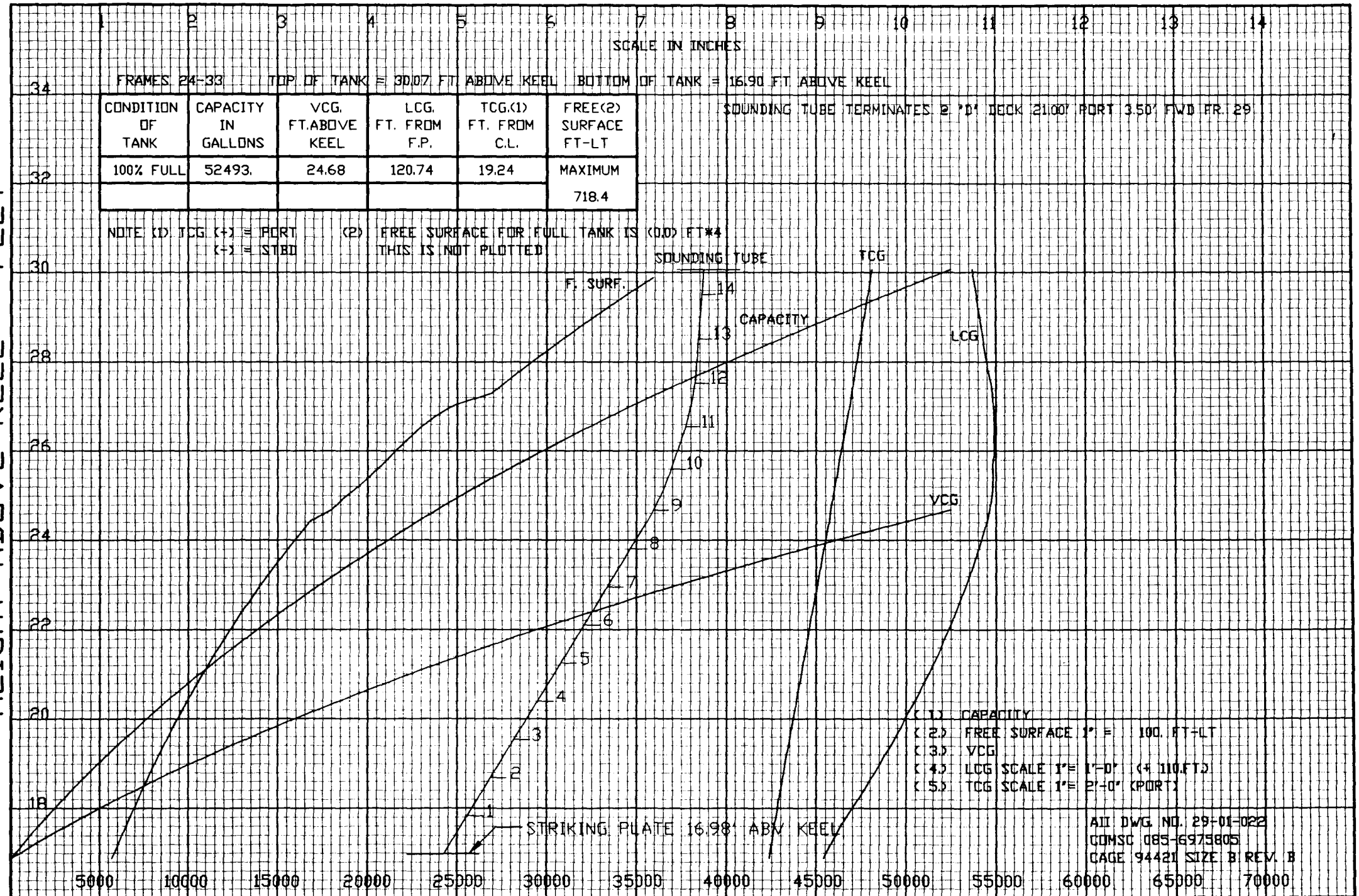
TANK: FWD SW BALLAST TANK 8-20-0

HEIGHT ABOVE KEEL - FEET



TANK: NO 1 WING BALLAST TANK P 6-24-2

HEIGHT ABOVE KEEL - FEET



TANK: NO 1 WING BALLAST TANK S 6-24-1

SCALE IN INCHES

FRAMES 24-33

TOP OF TANK = 30.07 FT ABOVE KEEL BOTTOM OF TANK = 16.90 FT KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	54265.	24.49	120.19	-19.12	MAXIMUM
					719.5

SOUNDING TUBE TERMINATES @ 10' DECK @ 100' STBD 4.17' FWD FR. 29

NOTE (1) TCG (+) = PORT
(-) = STBD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED

SOUNDING TUBE

TCG

LCG

CAPACITY

F. SURF.

VCG

STRIKING PLATE 17.46' ABV KEEL

- (1) CAPACITY
- (2) FREE SURFACE 1" = 100. FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 1'-0" (+ 110. FT)
- (5) TCG SCALE 1" = 2'-0" (STBD)

ALL DWG. NO. 29-01-022
COMSC 085-6975805
PAGE 94421 SIZE B REV. B

TANK: NO 2A WING BALLAST TANK P 1-33-2

HEIGHT ABOVE KEEL - FEET

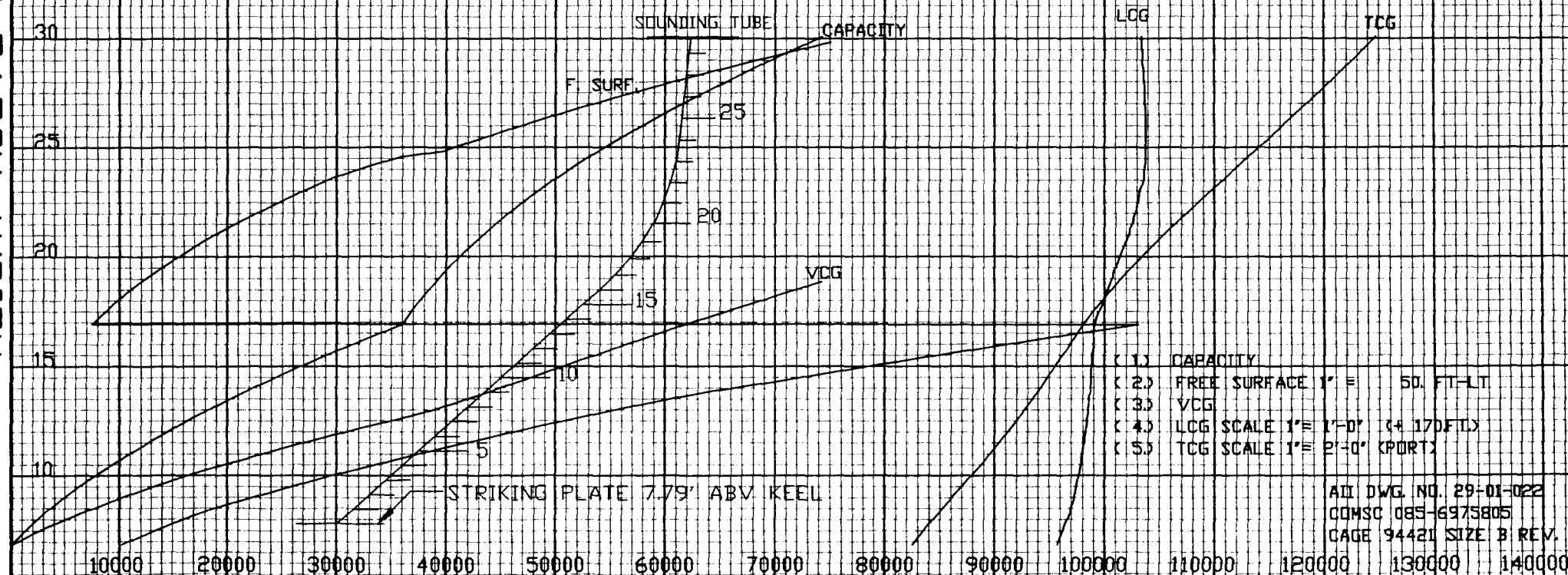
1 2 3 4 5 6 7 8 9 10 11 12 13 14
SCALE IN INCHES

FRAMES 33-38 TOP OF TANK = 30.07 FT ABOVE KEEL BOTTOM OF TANK = 6.82 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG (1) FT. FROM C.L.	FREE (2) SURFACE FT-LT
100% FULL	74305	18.85	180.34	24.95	MAXIMUM
					515.4

SOUNDING TUBE TERMINATES 2' 0" DECK 35.00' PORT 1.00' AFT FR 37

NOTE (1) TCG (+) = PORT (-) = STBD (2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT THIS IS NOT PLOTTED



- (1) CAPACITY
- (2) FREE SURFACE 1" = 50. FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 1'-0" (4 170FT)
- (5) TCG SCALE 1" = 2'-0" (PORT)

ALL DWG. NO. 29-01-022
COMSC 085-6975805
CAGE 94421 SIZE B REV. B

TANK: NO 2A WING BALLAST TANK S 7-33-1

HEIGHT ABOVE KEEL - FEET

SCALE IN INCHES

FRAMES 33-38

TOP OF TANK = 30.07 FT ABOVE KEEL

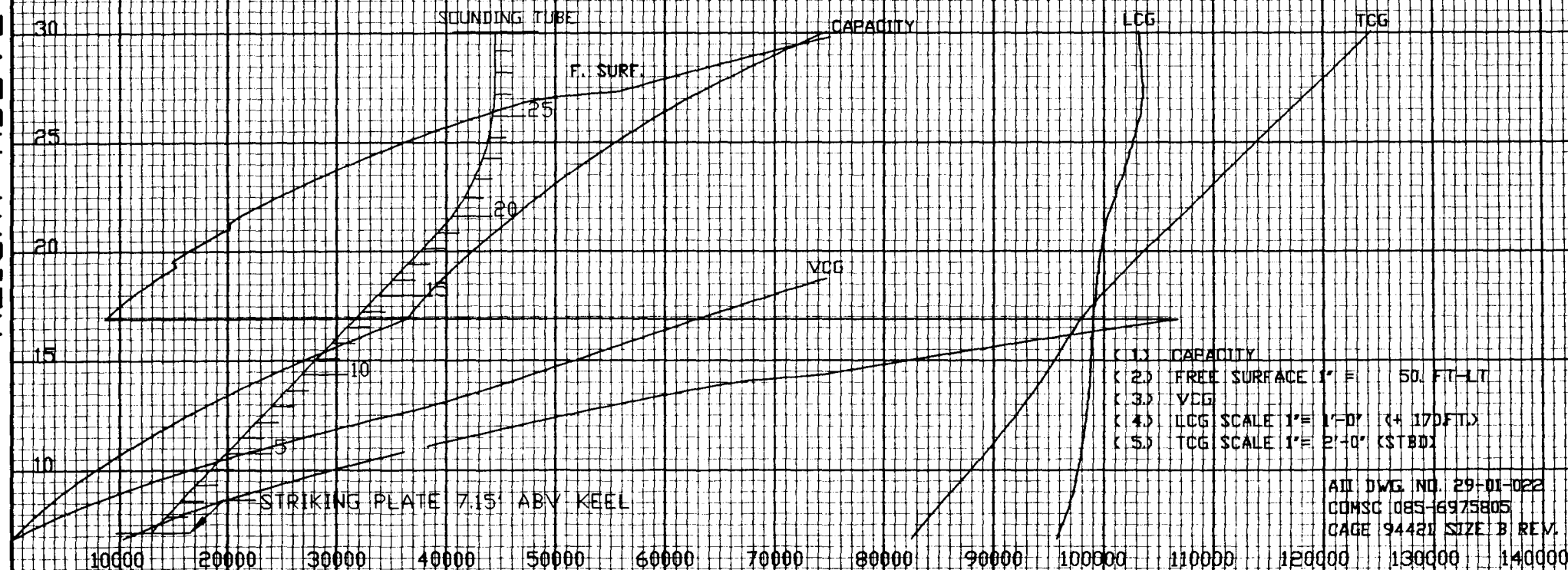
BOTTOM OF TANK = 6.82 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG (1) FT. FROM C.L.	FREE (2) SURFACE FT-LT
100% FULL	74749.	18.75	180.32	-24.88	MAXIMUM
					533.5

SOUNDING TUBE TERMINATES @ 1" DECK 35.00' STBD 1.00' AFT FR 37

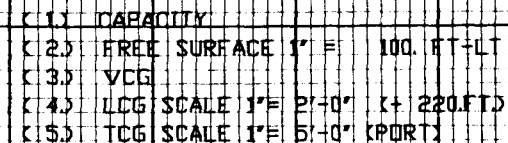
NOTE (1) TCG (+) = PORT
(-) = STBD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED



HEIGHT ABOVE KEEL - FEET

NOTE (1) TCG (+) = PORT (2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
(-) = STBD THIS IS NOT PLOTTED



API DWG. NO. 29-01-022
CONSC 085-6975805
CAGE 94421 SIZE B REV. B

TANK: NO 2C WING BALLAST TANK P 8-44-4

SCALE IN INCHES:

FRAMES 44-50

TOP OF TANK = 30.07 FT ABOVE KEEL

BOTTOM OF TANK = 0.97 FT ABOVE KEEL

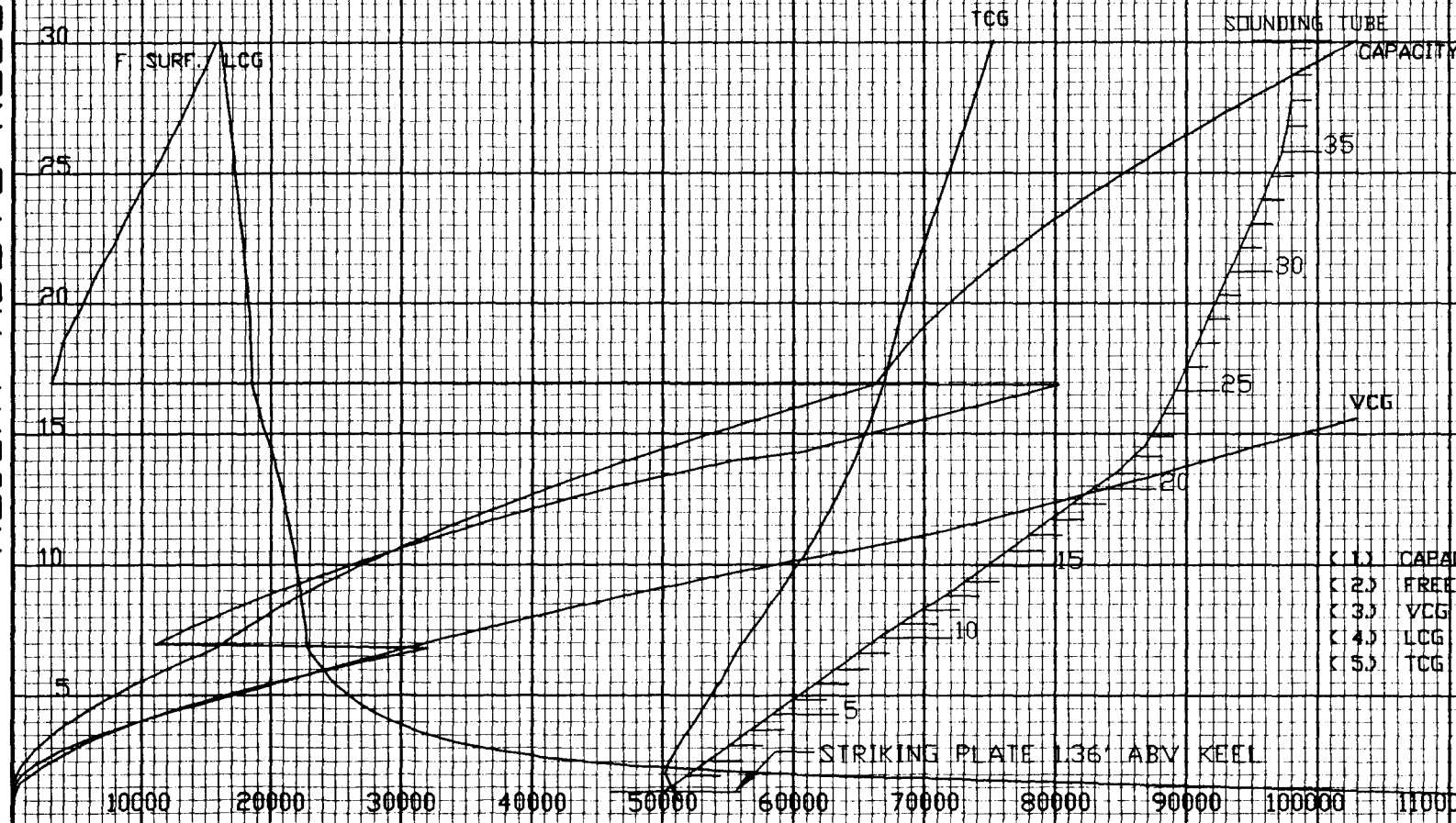
CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	103007.	15.61	283.22	37.61	MAXIMUM
					802.7

SOUNDING TUBE TERMINATES @ 1" DECK 49.06' PORT 2.25' FWD FR. 49

NOTE (1) TCG (+) = PORT
(-) = STBD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED

HEIGHT ABOVE KEEL - FEET



- (1) CAPACITY
- (2) FREE SURFACE 1" = 100. FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 2'-0" (+ 280 FT)
- (5) TCG SCALE 1" = 5'-0" (PORT)

ALL DWG. NO. 29-01-022
COMSC 085-6975805
PAGE 94421 SIZE B REV. B

TANK: NO 2C WING BALLAST TANK S 8-44-3

HEIGHT ABOVE KEEL - FEET

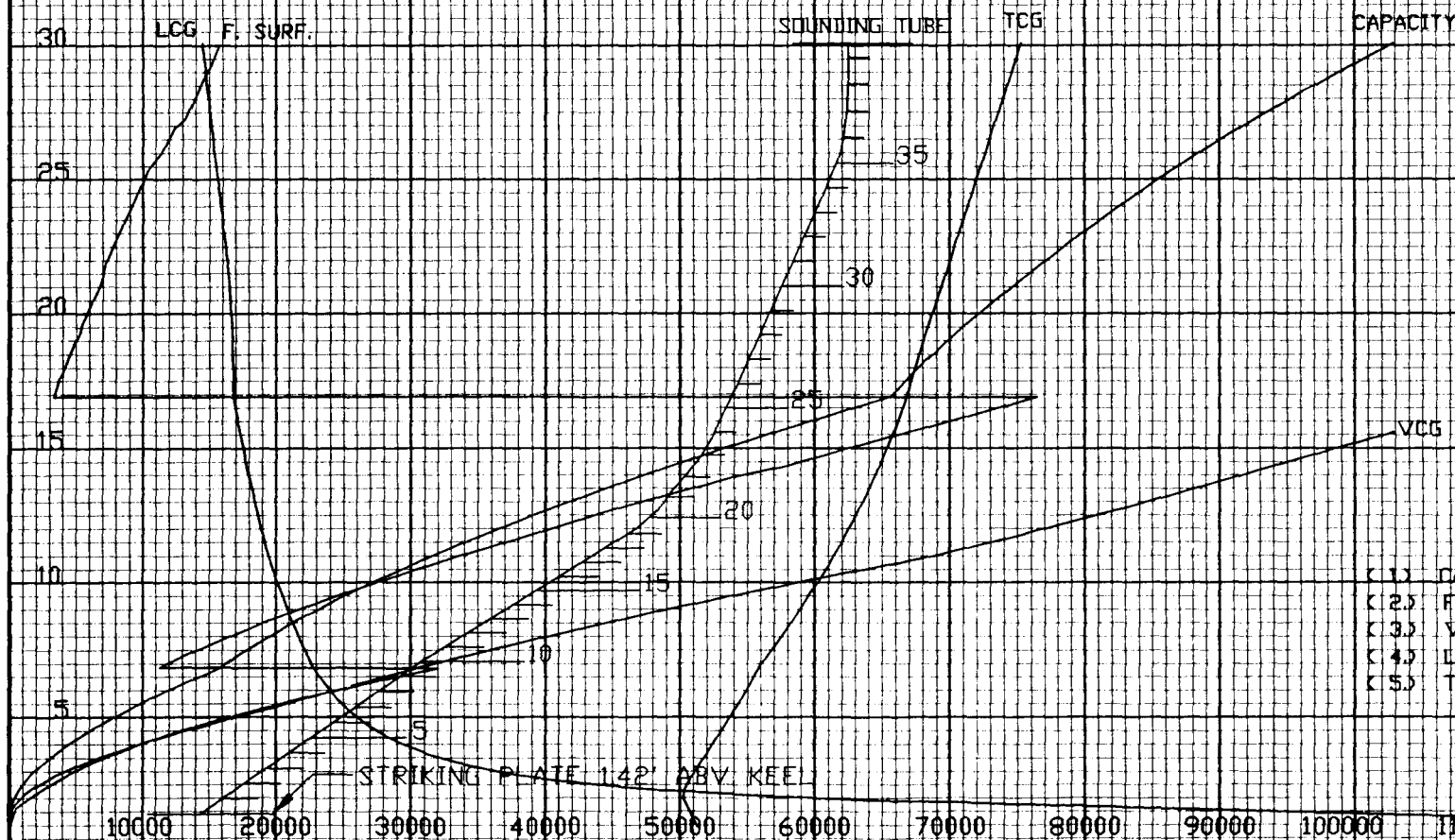
SCALE IN INCHES

FRAMES 44-50 TOP OF TANK = 30.07 FT ABOVE KEEL BOTTOM OF TANK = 0.97 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG, FT. ABOVE KEEL	LCG, FT. FROM F.P.	TCG, (1) FT. FROM C.L.	FREE (2) SURFACE FT-LT
100% FULL	102877.	15.58	282.90	-37.63	MAXIMUM
					764.8

SOUNDING TUBE TERMINATES 2' D' DECK 49.06' STBD 229' FWD FR. 49

NOTE (1) TCG (+) = PORT (-) = STBD (2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT THIS IS NOT PLOTTED



- (1) CAPACITY
- (2) FREE SURFACE 1" = 100. FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 2'-0" (+ 280. FT)
- (5) TCG SCALE 1" = 5'-0" (STBD)

ALL DWG. NO. 29-01-022
CONSC 085-6975805
CAGE 94421 SIZE B REV. B

TANK: NO 3A WING BALLAST TANK P 8-50-4

SCALE IN INCHES

FRAMES 50-57

TOP OF TANK = 30.07 FT ABOVE KEEL

BOTTOM OF TANK = 0.07 FT ABOVE KEEL

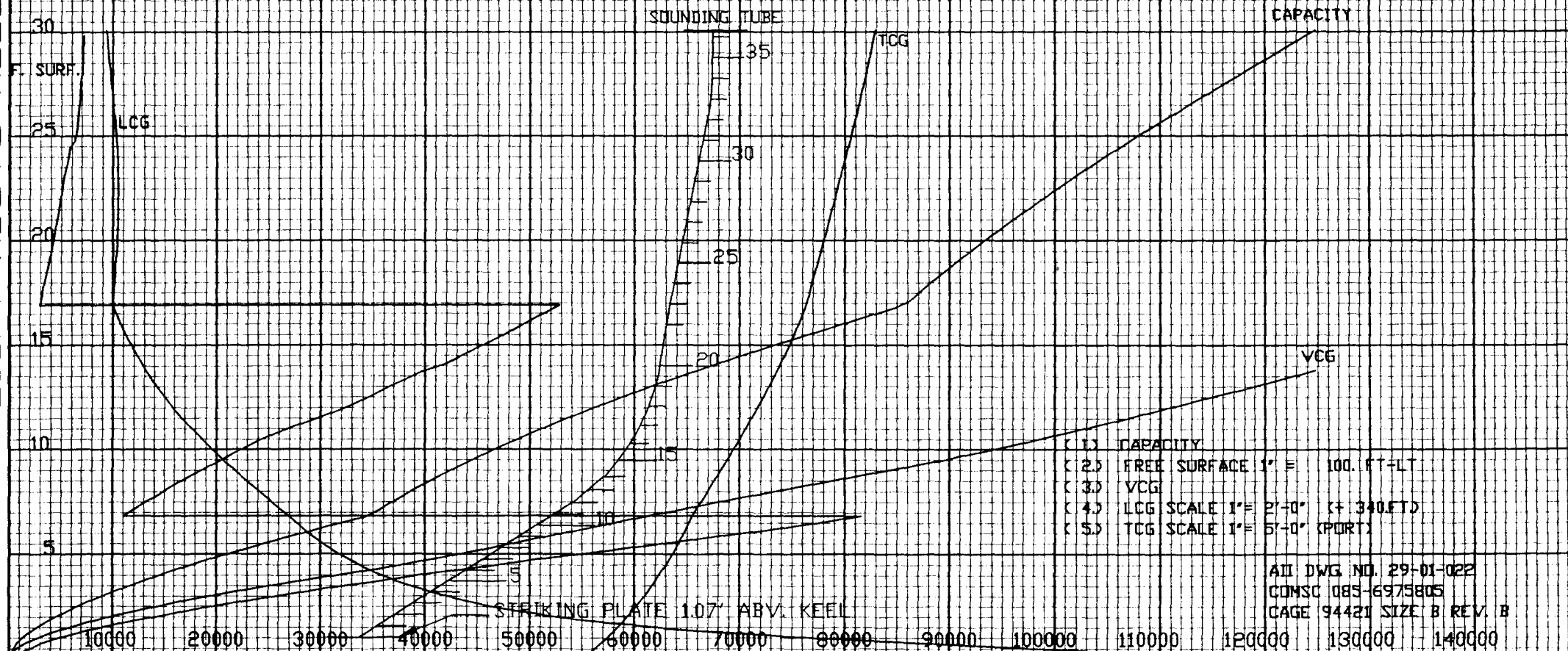
CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG (1) FT. FROM C.L.	FREE (2) SURFACE FT-LT
100% FULL	124786.	13.78	341.87	41.46	MAXIMUM
					816.0

SOUNDING TUBE TERMINATES -10' DECK 51.33' PORT 2.00' FWD FR. 57'

NOTE (1) TCG (+) = PORT
(-) = STARBOARD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED

HEIGHT ABOVE KEEL - FEET



- (1) CAPACITY
- (2) FREE SURFACE 1" = 100. FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 2'-0" (+ 340. FT)
- (5) TCG SCALE 1" = 5'-0" (PORT)

ALL DWG NO. 29-01-022
CONSC 085-6975805
CAGE 94421 SIZE B REV. B

TANK: NO 3A WING BALLAST TANK S 8-50-3

SCALE IN INCHES

FRAMES 50-57

TOP OF TANK = 30.07 FT ABOVE KEEL

BOTTOM OF TANK = 0.07 FT ABOVE KEEL

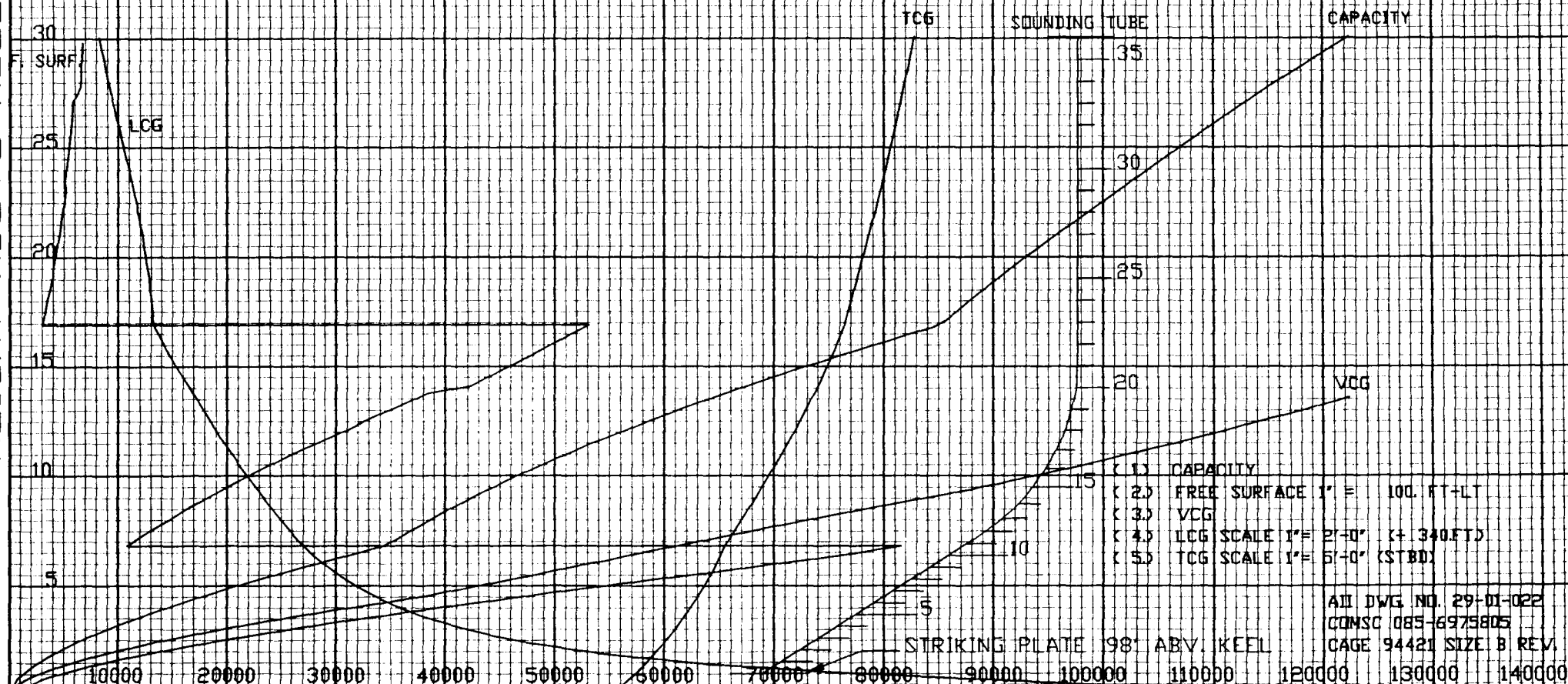
CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG (1) FT. FROM C.L.	FREE (2) SURFACE FT-LT
100% FULL	122339.	13.57	341.65	-41.41	MAXIMUM
					816.0

SOUNDING TUBE TERMINATES - 10' DECK 51.44' STBD 8.00' FWD FR. 57'

NOTE (1) TCG (+) = PORT
(-) = STBD

(2) FREE SURFACE FOR FULL TANK IS 100.0 FT-LT
THIS IS NOT PLOTTED

HEIGHT ABOVE KEEL - FEET



- (1) CAPACITY
- (2) FREE SURFACE 1" = 100. FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 2'-0" (+ 340 FT)
- (5) TCG SCALE 1" = 5'-0" (STBD)

ALL DWG NO. 29-01-022
COMSC 085-6975805
CAGE 94421 SIZE B REV. B

TANK: NO 3B WING BALLAST TANK P 8-57-2

SCALE IN INCHES

FRAMES 57-64

TOP OF TANK = 30.07 FT ABOVE KEEL

BOTTOM OF TANK = 0.07 FT ABOVE KEEL

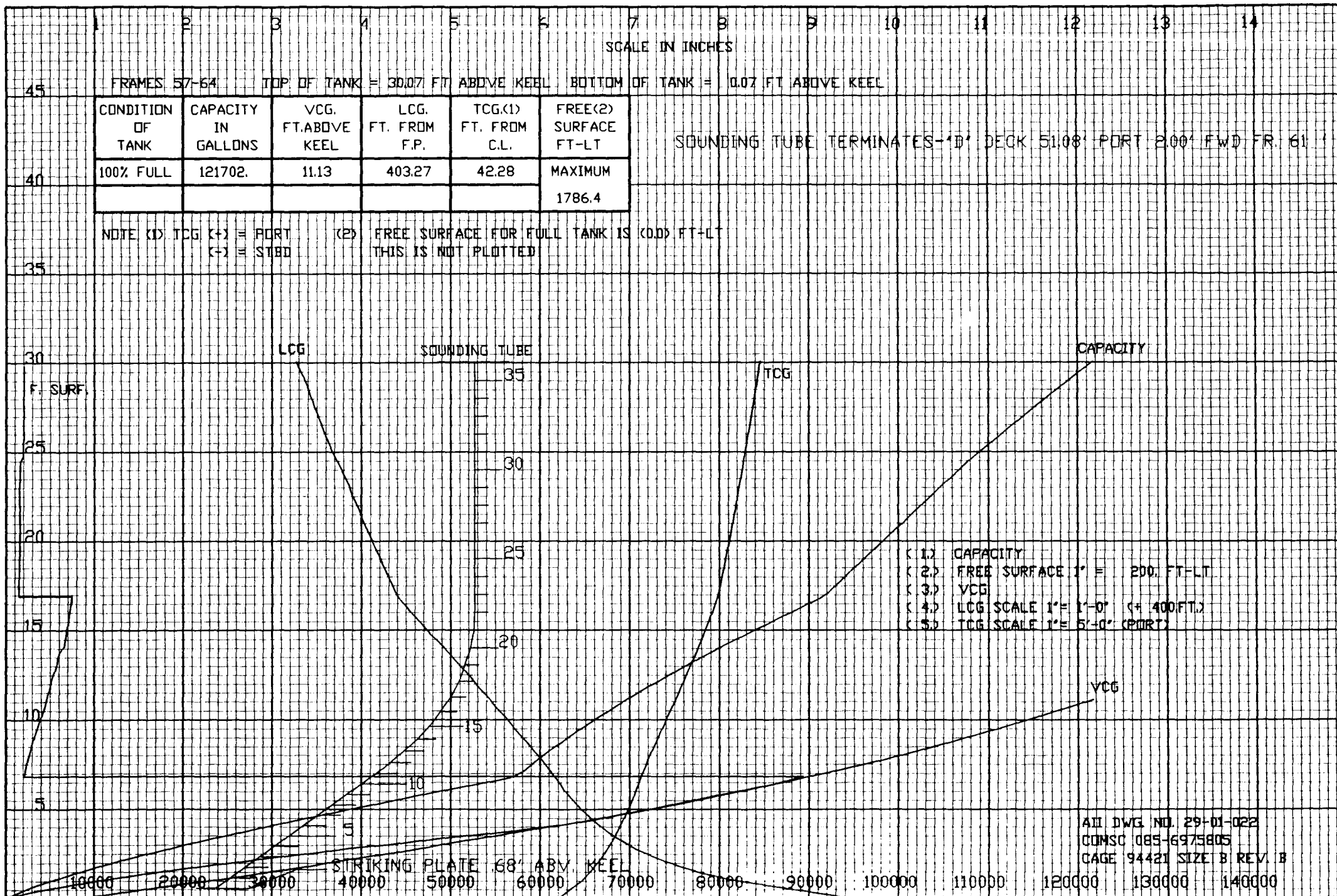
CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	121702.	11.13	403.27	42.28	MAXIMUM
					1786.4

SOUNDING TUBE TERMINATES - 10' DECK 51.08' PORT 2.00' FWD FR. 61

NOTE (1) TCG (+) = PORT
(-) = STARBOARD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED

HEIGHT ABOVE KEEL - FEET



- (1) CAPACITY
- (2) FREE SURFACE 1" = 200. FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 1'-0" (+ 400 FT.)
- (5) TCG SCALE 1" = 5'-0" (PORT)

ALL DWG. NO. 29-01-022
COMSC 085-6975805
CAGE 94421 SIZE B REV. B

TANK: NO 3B WING BALLAST TANK S 8-57-1

HEIGHT ABOVE KEEL - FEET

SCALE IN INCHES

FRAMES 57-64

TOP OF TANK = 30.07 FT ABOVE KEEL

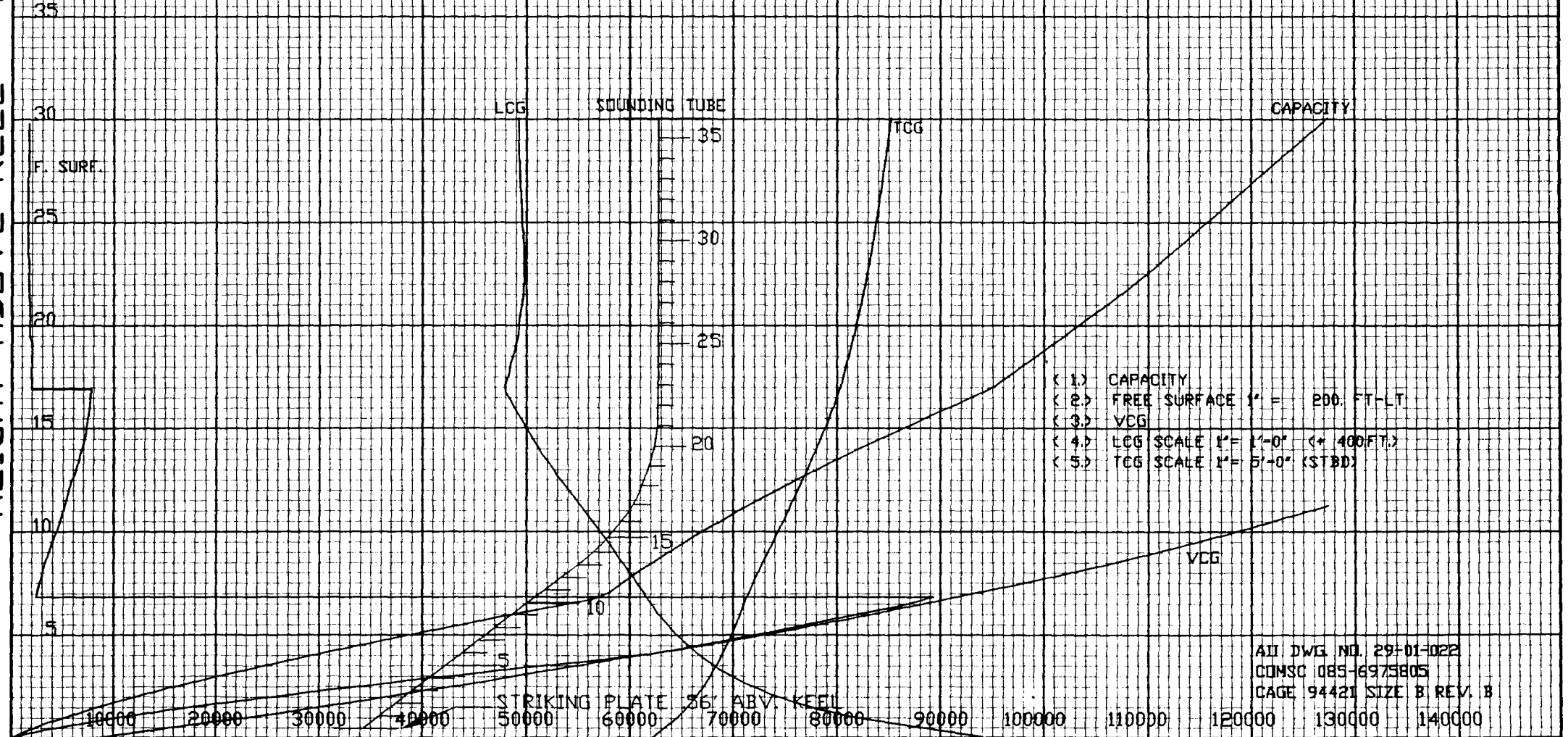
BOTTOM OF TANK = 0.07 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG (1) FT. FROM C.L.	FREE (2) SURFACE FT-LT
100% FULL	127398.	11.27	404.93	-42.61	MAXIMUM
					1786.4

SOUNDING TUBE TERMINATES - 10' DECK 51.08' STBD 200' FWD FR. 61

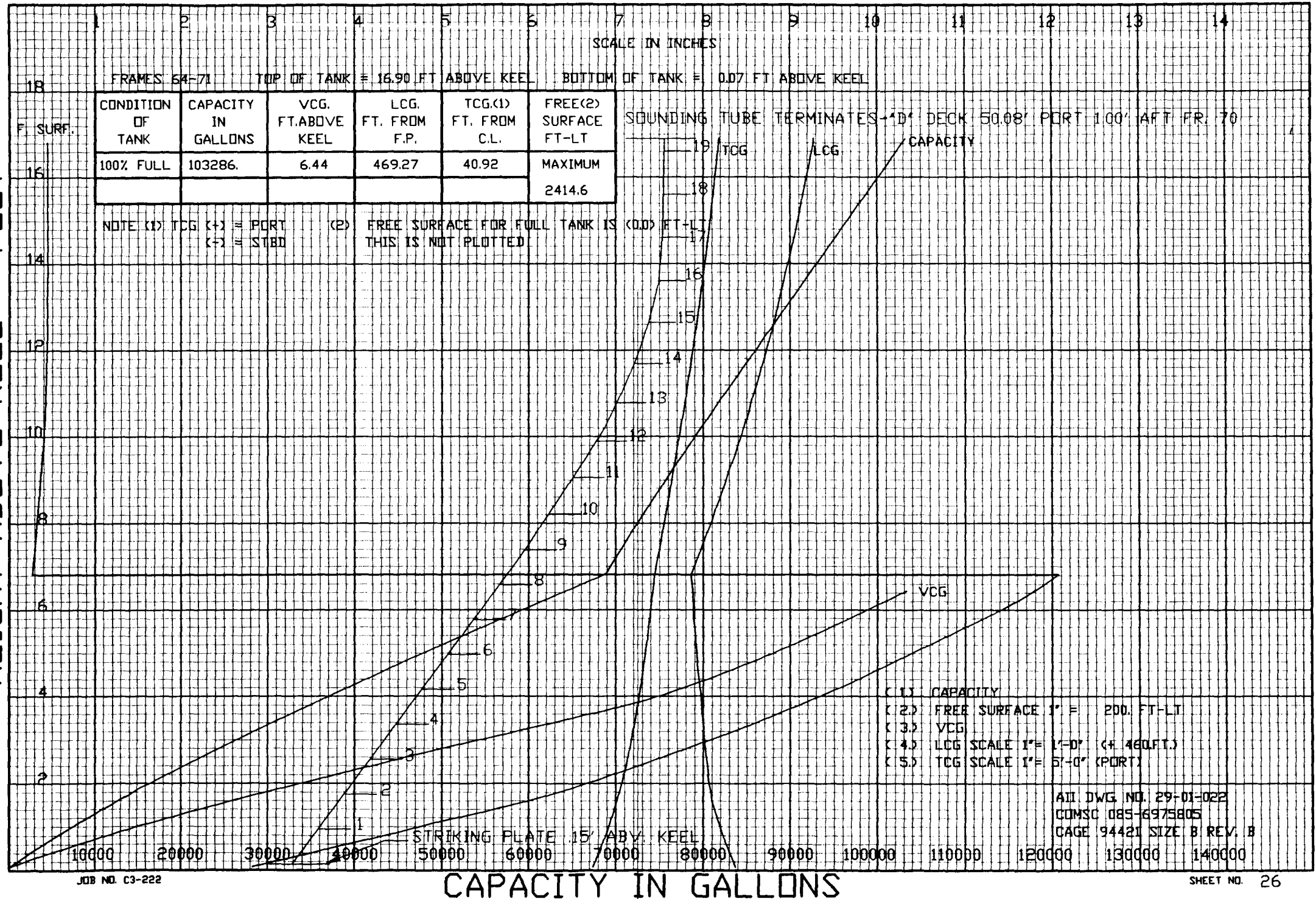
NOTE (1) TCG (+) = PORT
(-) = STBD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED



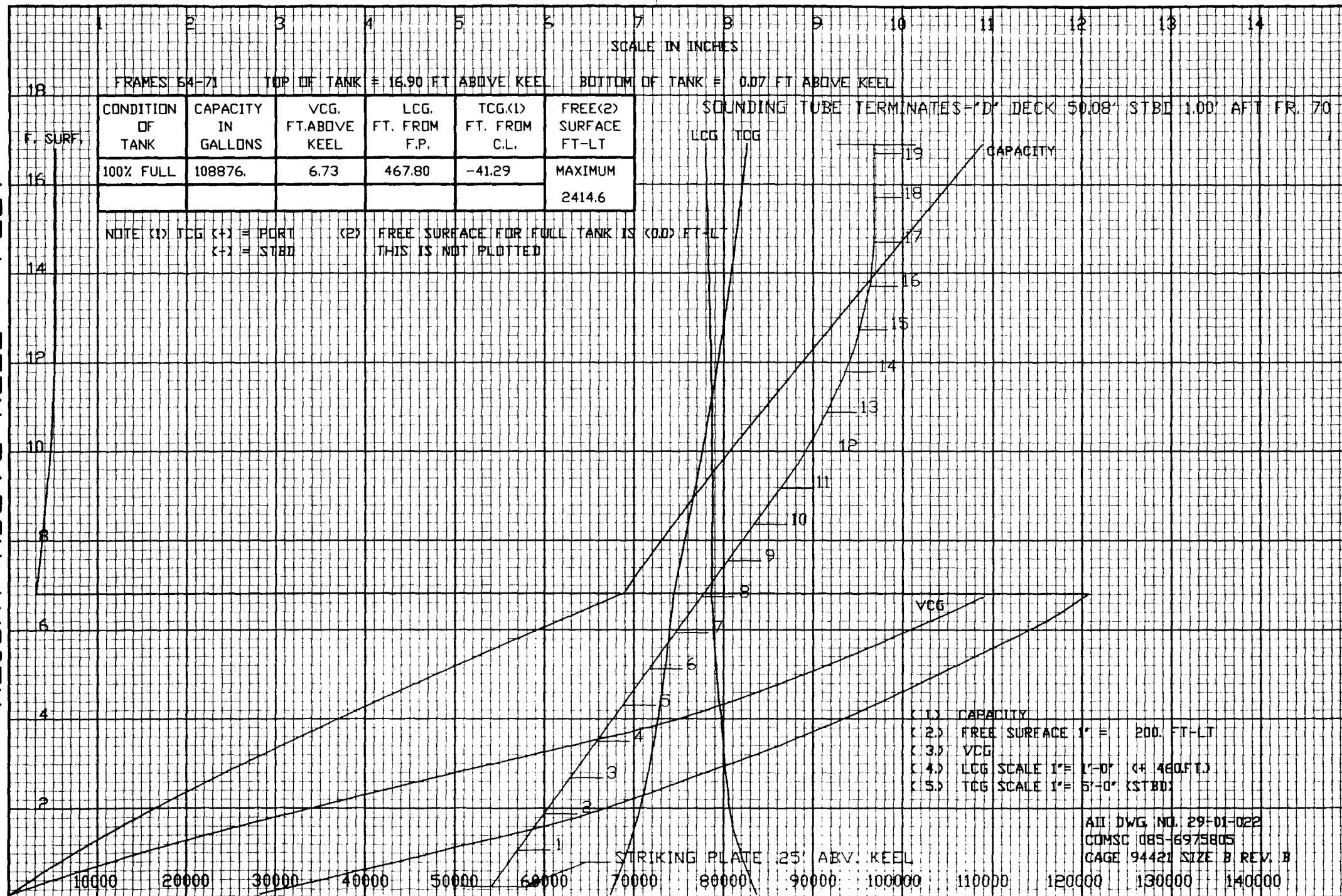
TANK: NO 3C WING BALLAST TANK P 8-64-4

HEIGHT ABOVE KEEL - FEET



TANK: NO 3C WING BALLAST TANK S 8-64-3

HEIGHT ABOVE KEEL - FEET



TANK: NO 4A WING BALLAST TANK P 8-71-4

HEIGHT ABOVE KEEL - FEET

SCALE IN INCHES

FRAMES 71-78

TOP OF TANK = 30.07 FT ABOVE KEEL

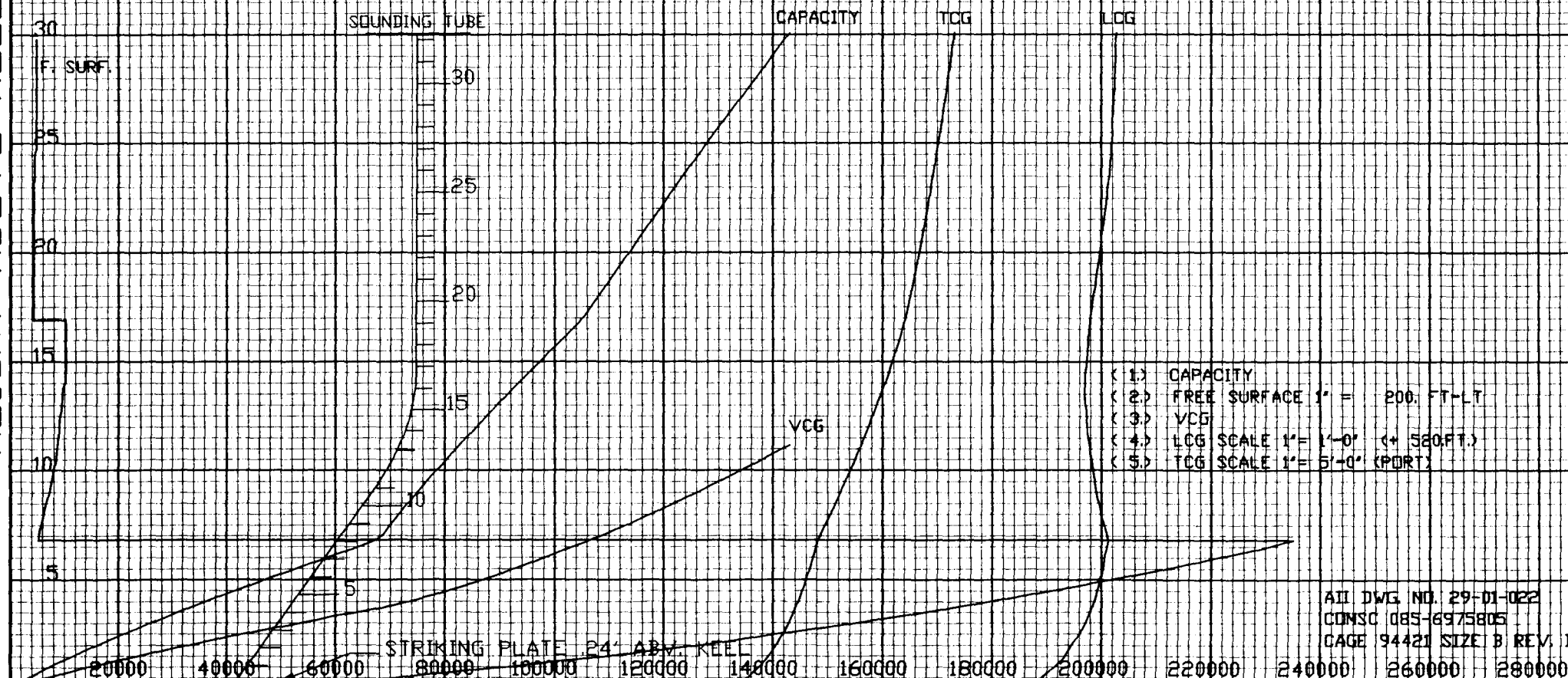
BOTTOM OF TANK = 0.07 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG (1) FT. FROM C.L.	FREE (2) SURFACE FT-LT
100% FULL	143013	11.15	530.14	43.28	MAXIMUM
					2350.3

SOUNDING TUBE TERMINATES - 'D' DECK 50.08' PORT 2.00' FWD FR. 72

NOTE (1) TCG (+) = PORT
(-) = STARBOARD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED



- (1) CAPACITY
- (2) FREE SURFACE 1' = 200. FT-LT
- (3) VCG
- (4) LCG SCALE 1' = 1'-0" (+ 530. FT.)
- (5) TCG SCALE 1' = 5'-0" (PORT)

ALL DWG. NO. 29-01-022
CONSC 085-6975805
CAGE 94421 SIZE B REV. B

TANK: NO 4A WING BALLAST TANK S 8-71-3

SCALE IN INCHES

FRAMES 71-78

TOP OF TANK = 30.07 FT ABOVE KEEL

BOTTOM OF TANK = 0.07 FT ABOVE KEEL

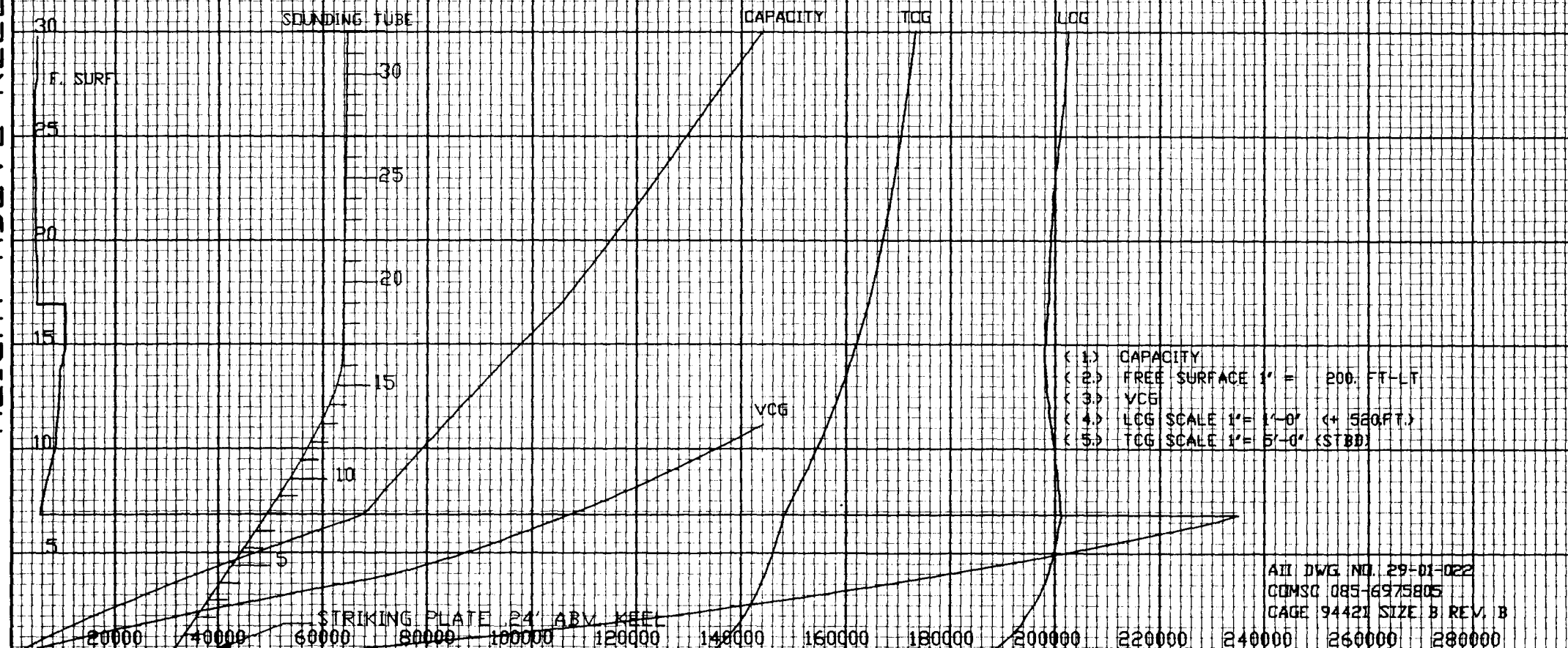
CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	144204.	11.15	530.12	-43.33	MAXIMUM
					2350.3

SOUNDING TUBE TERMINATES - 10' DECK 50.08' STBD 2.00' FWD FR. 72

NOTE (1) TCG (+) = PORT
(-) = STBD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED

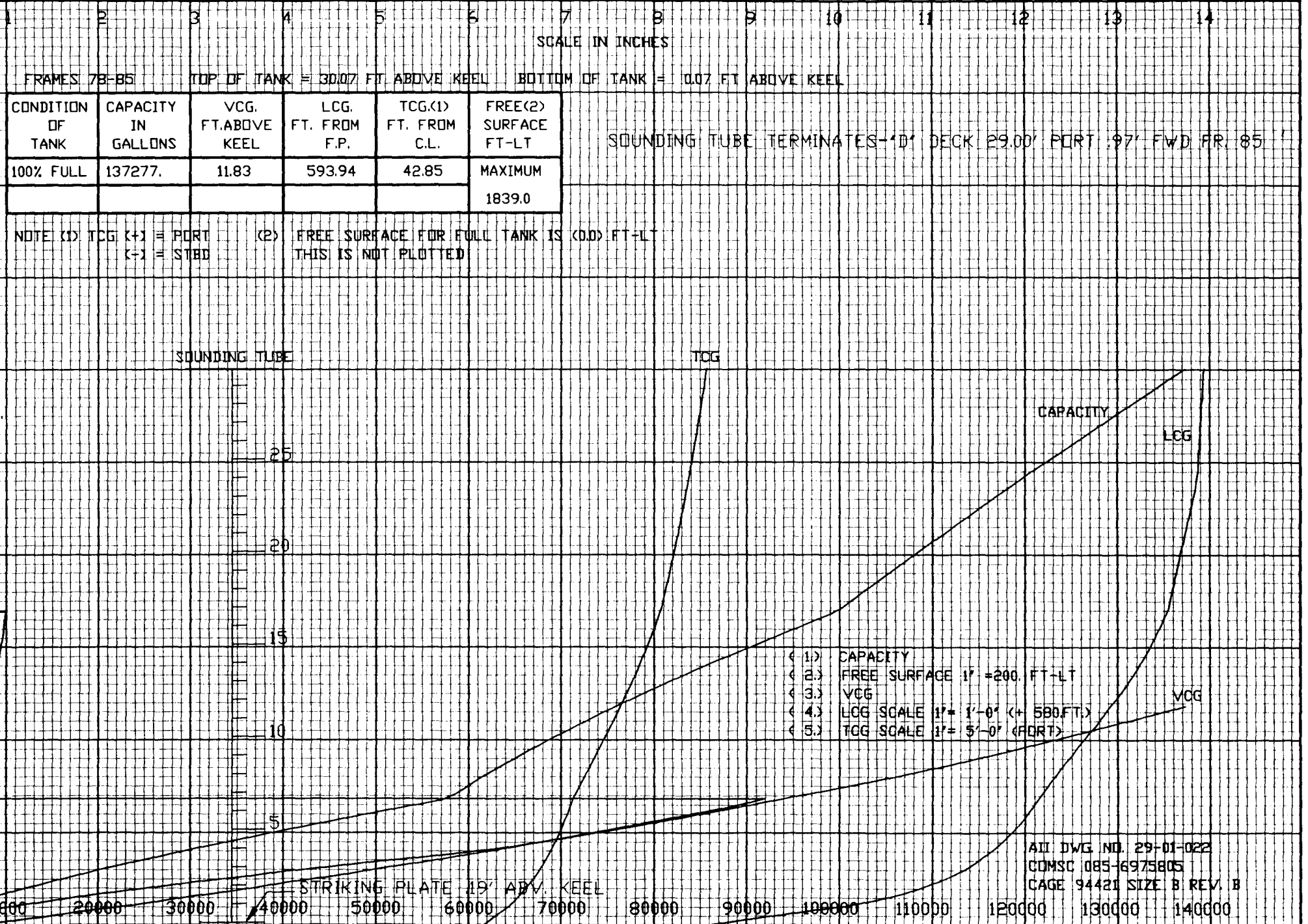
HEIGHT ABOVE KEEL - FEET



- (1) CAPACITY
- (2) FREE SURFACE 1' = 200. FT-LT
- (3) VCG
- (4) LCG SCALE 1' = 1'-0" (+ 520 FT.)
- (5) TCG SCALE 1' = 5'-0" (STBD)

TANK: NO 4B WING BALLAST TANK P 8-78-4

HEIGHT ABOVE KEEL - FEET



TANK: NO 4B WING BALLAST TANK S 8-78-3

HEIGHT ABOVE KEEL - FEET

SCALE IN INCHES

FRAMES 78-85

TOP OF TANK = 30.07 FT ABOVE KEEL

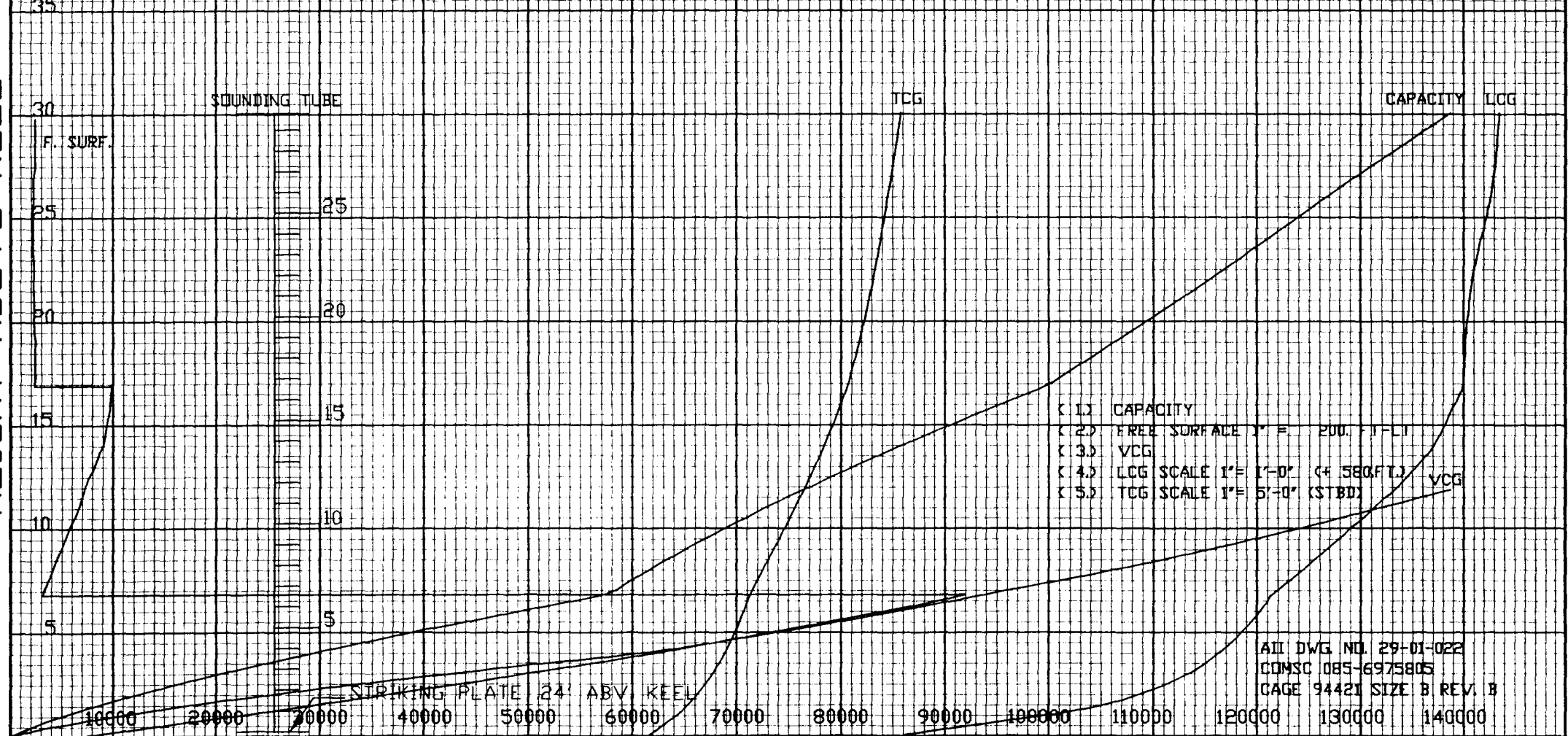
BOTTOM OF TANK = 0.07 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	138709.	11.87	594.35	-42.90	MAXIMUM
					1839.0

SOUNDING TUBE TERMINATES - 'D' DECK 29.00' STBD .97' FWD FR. 85

NOTE (1) TCG (+) = PORT
(-) = STBD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED



- (1) CAPACITY
- (2) FREE SURFACE 1" = 200 FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 1'-0" (+ 580 FT.)
- (5) TCG SCALE 1" = 5'-0" (STBD)

AII DWG NO. 29-01-022
COMSC 085-6975805
CAGE 94421 SIZE B REV. B

TANK: NO 6A WING BALLAST TANK P OR S 8-99-4/3

HEIGHT ABOVE KEEL - FEET

SCALE IN INCHES

FRAMES 99-103

TOP OF TANK = 31.57 FT ABOVE KEEL

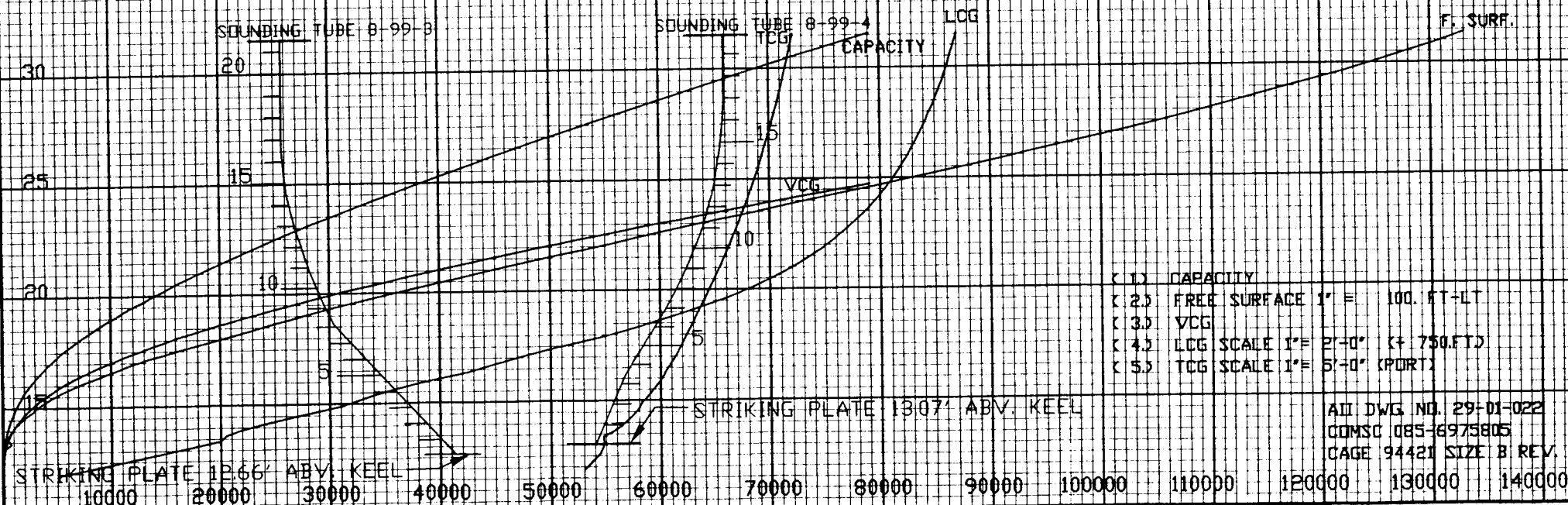
BOTTOM OF TANK = 11.88 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	79092.	24.73	767.41	36.11	MAXIMUM
					1330.7

S.T. 8-99-3 TERMINATES + 'D' DECK 19.00' STBD 1.00' FWD FR. 99
S.T. 8-99-4 TERMINATES + 'D' DECK 33.00' FORT. 75' FWD FR. 99

NOTE (1) TCG (+) = PORT
(-) = STBD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED



- (1) CAPACITY
- (2) FREE SURFACE 1" = 100. FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 2'-0" (+ 750. FT)
- (5) TCG SCALE 1" = 5'-0" (PORT)

ALL DWG. NO. 29-01-022
COMSC 085-6975805
CAGE 94421 SIZE B REV. B

TANK: NO 6B WING BALLAST TANK P OR S 8-103-4/3

HEIGHT ABOVE KEEL - FEET

FRAMES 103-106 TOP OF TANK = 31.57 FT ABOVE KEEL BOTTOM OF TANK = 17.93 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	33054.	27.07	799.08	34.53	MAXIMUM
					682.5

NOTE (1) TCG (+) = PORT
(-) = STBD

(2) FREE SURFACE FOR FULL TANK IS
THIS IS NOT PLOTTED

(3) 0.00 FT-LT
SOUNDING TUBE TERMINATES @ 'D' DECK
26.56' PORT 33' AFT FR. 103

8-103-3

SOUNDING TUBE TERMINATES @ 'D' DECK
26.56' PORT 33' AFT FR. 103

TCG

8-103-4

LCG

CAPACITY

F. SURF.

VCG

(1) CAPACITY

(2) FREE SURFACE 1' = 50. FT-LT

(3) VCG

(4) LCG SCALE 1' = 2'-0" (+ 780. FT)

(5) TCG SCALE 1' = 5'-0" (PORT)

STRIKING PLATE 18.39' ABV. KEEL

STRIKING PLATE 18.19' ABV. KEEL

ALL DWG. NO. 29-01-022

COMSC 085-6975805

CAGE 94421 SIZE B REV. B

TANK: NO 6D SW BALLAST TANK P OR S 8-109-2/1

HEIGHT ABOVE KEEL - FEET

SCALE IN INCHES

FRAMES 109-113

TOP OF TANK = 35.57 FT ABOVE KEEL

BOTTOM OF TANK = 24.14 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	36960.	30.62	857.13	12.12	MAXIMUM
					1714.8

NOTE (1) TCG (+) = PORT
(-) = STBD

(2) FREE SURFACE FOR FULL TANK IS 1000 FT-LT
THIS IS NOT PLOTTED

SOUNDING TUBE TERMINATES @ 'B' DECK
50' PORT 50' AFT FR. 109

SOUNDING TUBE TERMINATES @ 'B' DECK
46' STBD 50' AFT FR. 109

8-109-2

F. SURF.

CAPACITY

LCG

8-109-1

TCG

VCG

(1) CAPACITY

(2) FREE SURFACE 1' = 200. FT-LT

(3) VCG

(4) LCG SCALE 1' = 2'-0" (+ 840.0 FT)

(5) TCG SCALE 1' = 1'-0" (PORT)

STRIKING PLATE 24.45' ABV. KEEL

STRIKING PLATE 24.29' ABV. KEEL

ALL DWG. NO. 29-01-022

COMSC 085-6975805

CAGE 94421 SIZE B REV. B

TANK: AFT PEAK BALLAST TANK P UR S 8-113-2/1

HEIGHT ABOVE KEEL - FEET

SCALE IN INCHES

FRAMES 113-TRANSOM

TOP OF TANK = 44.82 FT ABOVE KEEL

BOTTOM OF TANK = 29.64 FT ABOVE KEEL

SOUNDING TUBE TERMINATES @ 'C' DECK
2.50' STD 11.50' AFT FR. 113

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG (1) FT. FROM C.L.	FREE (2) SURFACE FT-LT
100% FULL	92901.	39.83	893.02	19.17	MAXIMUM
					6929.8

NOTE (1) TCG (+) = PORT
(-) = STBD

(2) FREE SURFACE FOR FULL TANK IS 0.00 FT-LT
THIS IS NOT PLOTTED

SOUNDING TUBE TERMINATES @ 'C' DECK
1.00' PORT 1.75' AFT FR. 113

STRIKING PLATE 29.92' ABV. KEEL

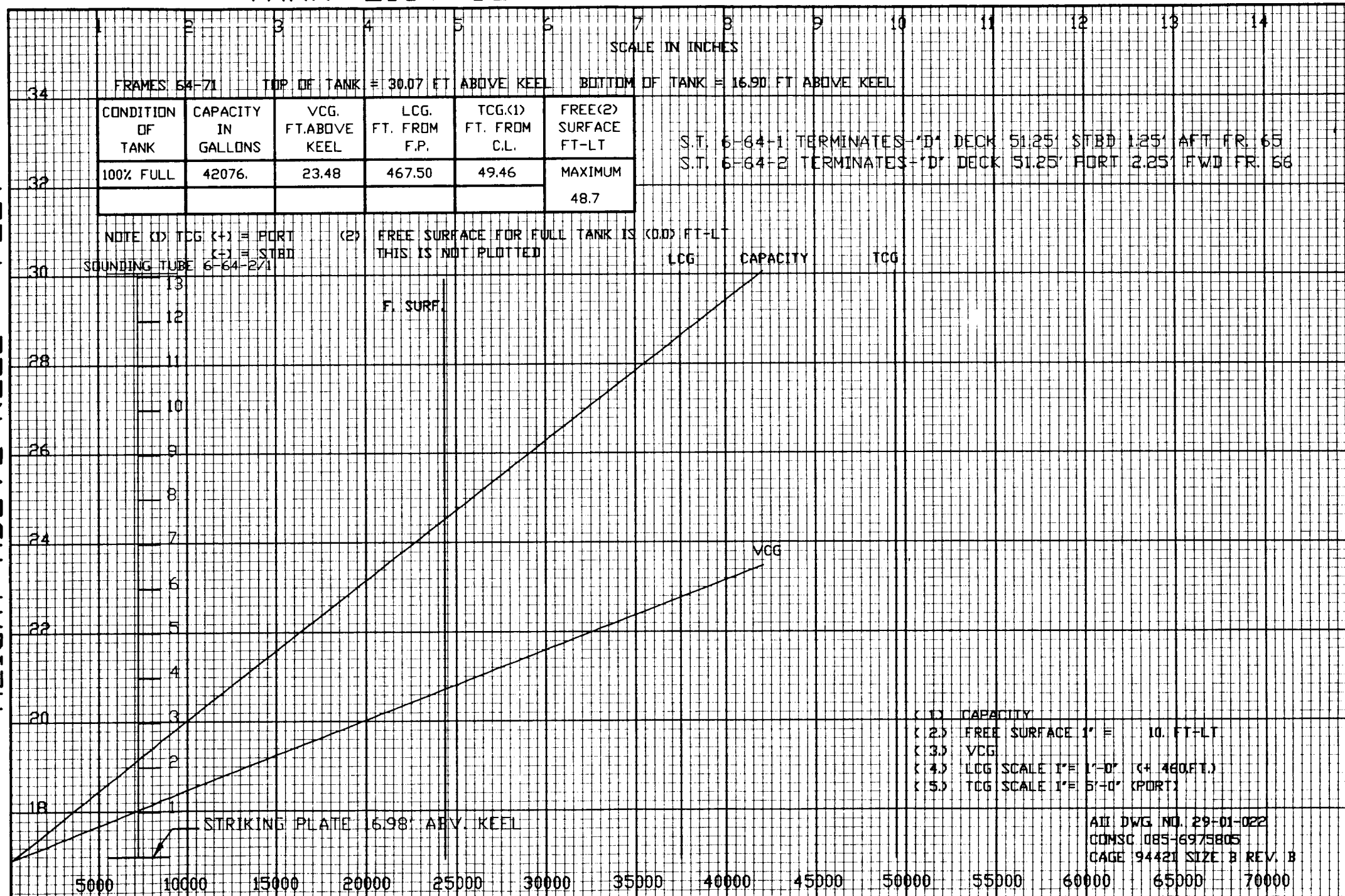
STRIKING PLATE 30.04' ABV. KEEL

- (1) CAPACITY
- (2) FREE SURFACE 1" = 500. FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 2'-0" (+ 870. FT)
- (5) TCG SCALE 1" = 2'-0" (PORT)

ALL DWG. NO. 29-01-022
COMSC 085-6975805
CAGE 94421 SIZE B REV. B

TANK: LIST CONTROL TANK P OR S 6-64-2/1

HEIGHT ABOVE KEEL - FEET



TANK: POTABLE WATER TANK NO 1 5-95-7

HEIGHT ABOVE KEEL - FEET

SCALE IN INCHES

FRAMES 94-99

TOP OF TANK = 44.82 FT ABOVE KEEL

BOTTOM OF TANK = 33.07 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG, FT. ABOVE KEEL	LCG, FT. FROM F.P.	TCG (1) FT. FROM C.L.	FREE (2) SURFACE FT-LT
100% FULL	12706.	38.90	729.75	-44.26	MAXIMUM
					4.1

PETCOCKS LOCATED @ 43.25' STBD 1.75' AFT FR. 94

NOTE (1) TCG (+) = PORT
(-) = STBD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED

F. SURF.

TCG

LCG

CAPACITY

VCG

PETCOCKS

VALVE #9

VALVE #8

VALVE #7

VALVE #6

VALVE #5

VALVE #4

VALVE #3

VALVE #2

VALVE #1

(1) CAPACITY

(2) FREE SURFACE 1' = 1. FT-LT

(3) VCG

(4) LCG SCALE 1' = 1'-0" (4 720 FT.)

(5) TCG SCALE 1' = 5'-0" (STBD)

ALL DWG. NO. 29-01-022

CONSC 085-6975805

CAGE 94421 SIZE B REV. B

1000 2000 3000 4000 5000 6000 7000 8000 9000 10000 11000 12000 13000 14000

CAPACITY IN GALLONS

SHEET NO. 37

TANK: POTABLE WATER TANK NO 2 5-95-9

HEIGHT ABOVE KEEL - FEET

SCALE IN INCHES

FRAMES 94-99

TOP OF TANK = 44.82 FT ABOVE KEEL

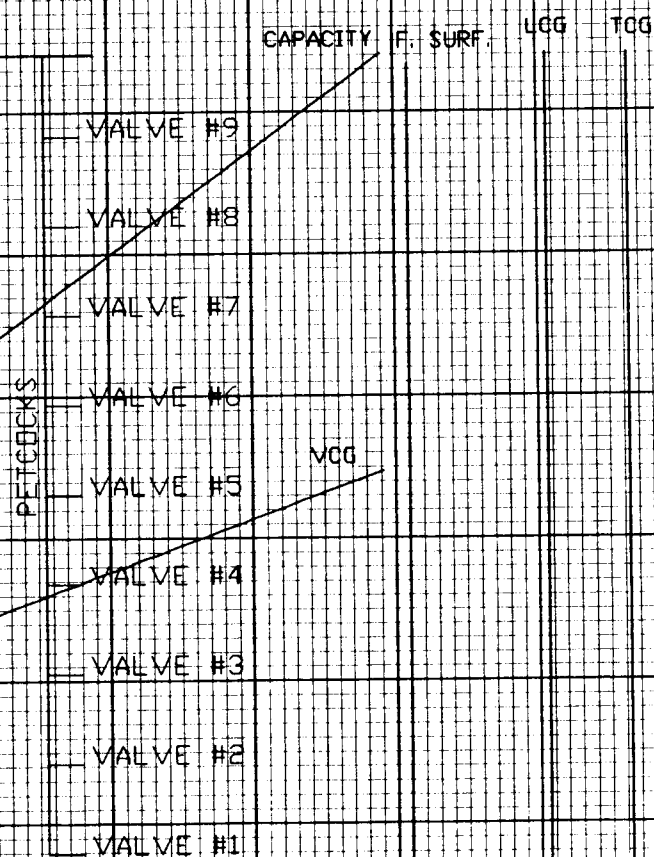
BOTTOM OF TANK = 33.07 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG, FT. ABOVE KEEL	LCG, FT. FROM F.P.	TCG (1) FT. FROM C.L.	FREE (2) SURFACE FT-LT
100% FULL	15827	38.94	729.07	-48.17	MAXIMUM
					8.1

PETCOCKS LOCATED @ 48.75' STBD 1.75' AFT FR. 94

NOTE (1) TCG (+) = PORT
(-) = STBD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED

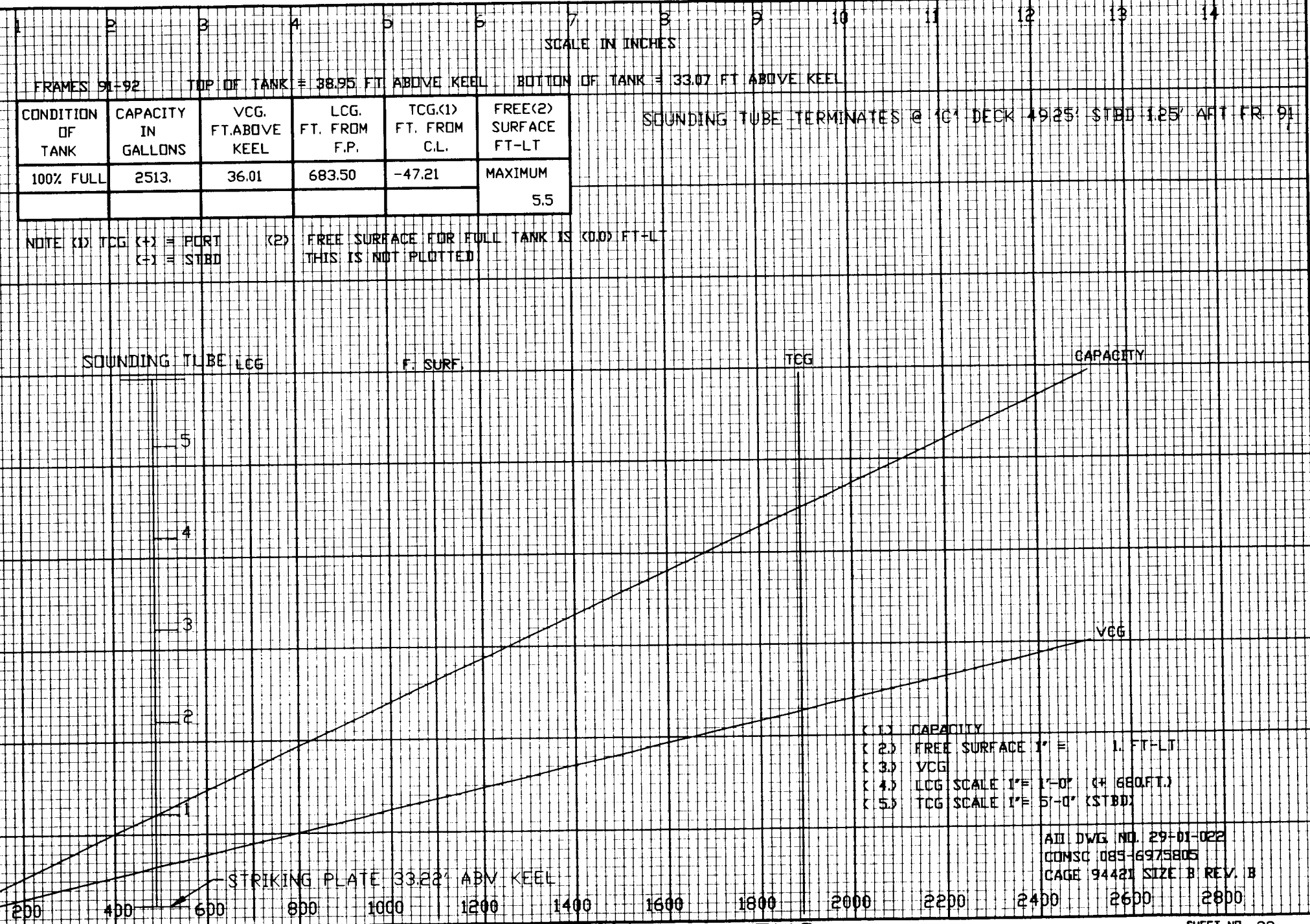


- (1) CAPACITY
- (2) FREE SURFACE 1" = 1. FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 1'-0" (+ 720 FT.)
- (5) TCG SCALE 1" = 5'-0" (STBD)

AD DWG NO. 29-01-022
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PAGE 94421 SIZE B REV. B

TANK: RESV FEED WATER TANK 5-91-1

HEIGHT ABOVE KEEL - FEET



TANK: DIST WATER TANK 4.5-91-1

HEIGHT ABOVE KEEL - FEET

1 2 3 4 5 6 7 8 9 10 11 12 13 14
SCALE IN INCHES

47 FRAMES 91-92 TOP OF TANK = 44.82 FT ABOVE KEEL BOTTOM OF TANK = 38.95 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	2513.	41.88	683.50	-47.21	MAXIMUM
					5.5

SOUNDING TUBE TERMINATES @ 'C' DECK 48.58' STBD 1.25' AFT FR. 91

NOTE (1) TCG (+) = PORT (-) = STBD (2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT THIS IS NOT PLOTTED

45 LCG F. SURF. SOUNDING TUBE TCG CAPACITY

44 5

43 4

42 3

41 2

40 1

- (1) CAPACITY
- (2) FREE SURFACE 1" = 1. FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 1'-0" (+ 680 FT.)
- (5) TCG SCALE 1" = 5'-0" (STBD)

STRIKING PLATE 39.12' ABV KEEL

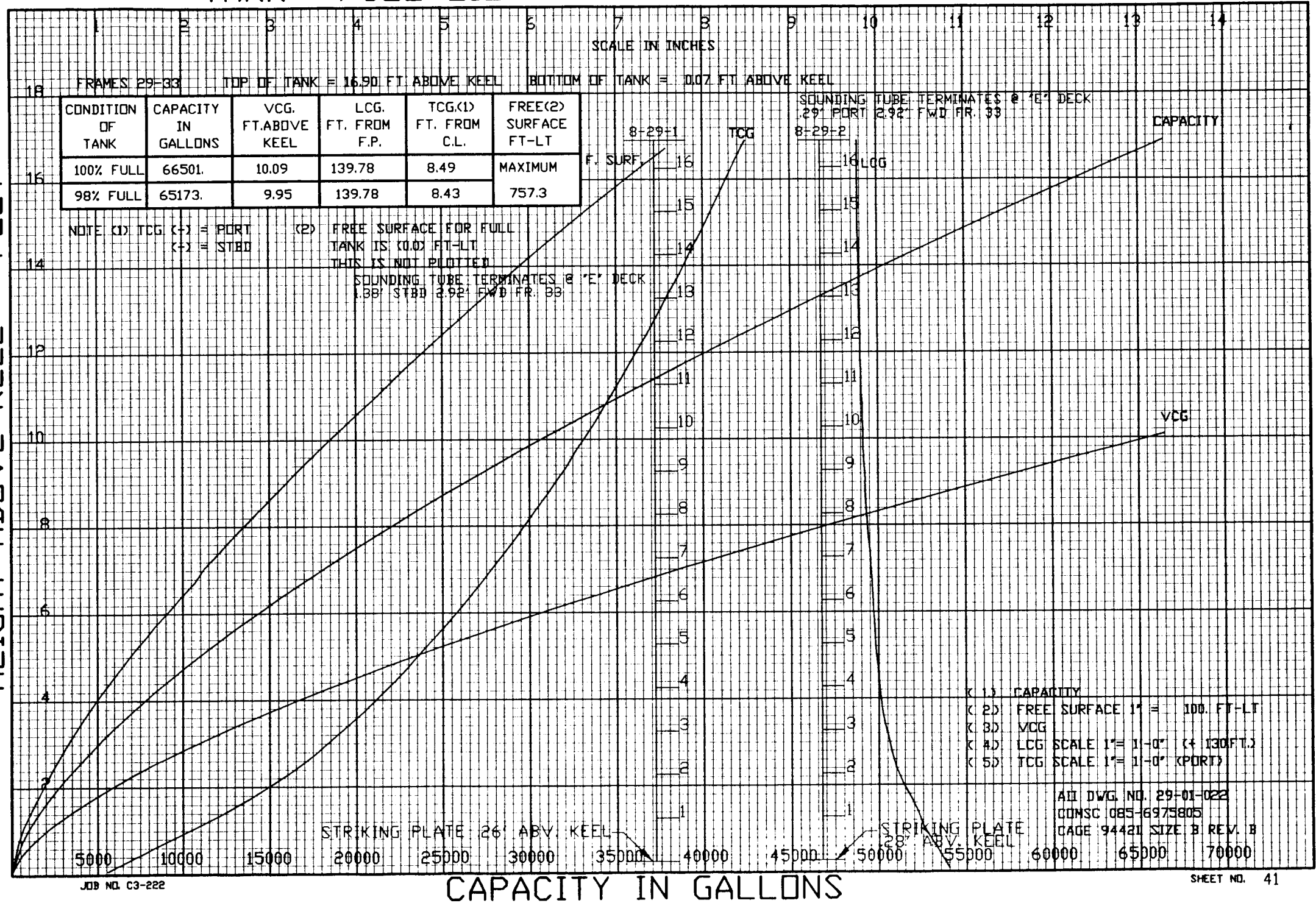
ALL DWG. NO. 29-01-022
CONSC 085-6975805
PAGE 94421 SIZE B REV. B

200 400 600 800 1000 1200 1400 1600 1800 2000 2200 2400 2600 2800

CAPACITY IN GALLONS

TANK: FUEL OIL TANK NO 1B P OR S 8-29-2/1

HEIGHT ABOVE KEEL - FEET



TANK: FUEL OIL TANK NO 2A P OR S 8-33-2/1

HEIGHT ABOVE KEEL - FEET

SCALE IN INCHES

FRAMES 33-38

TOP OF TANK = 6.82 FT ABOVE KEEL

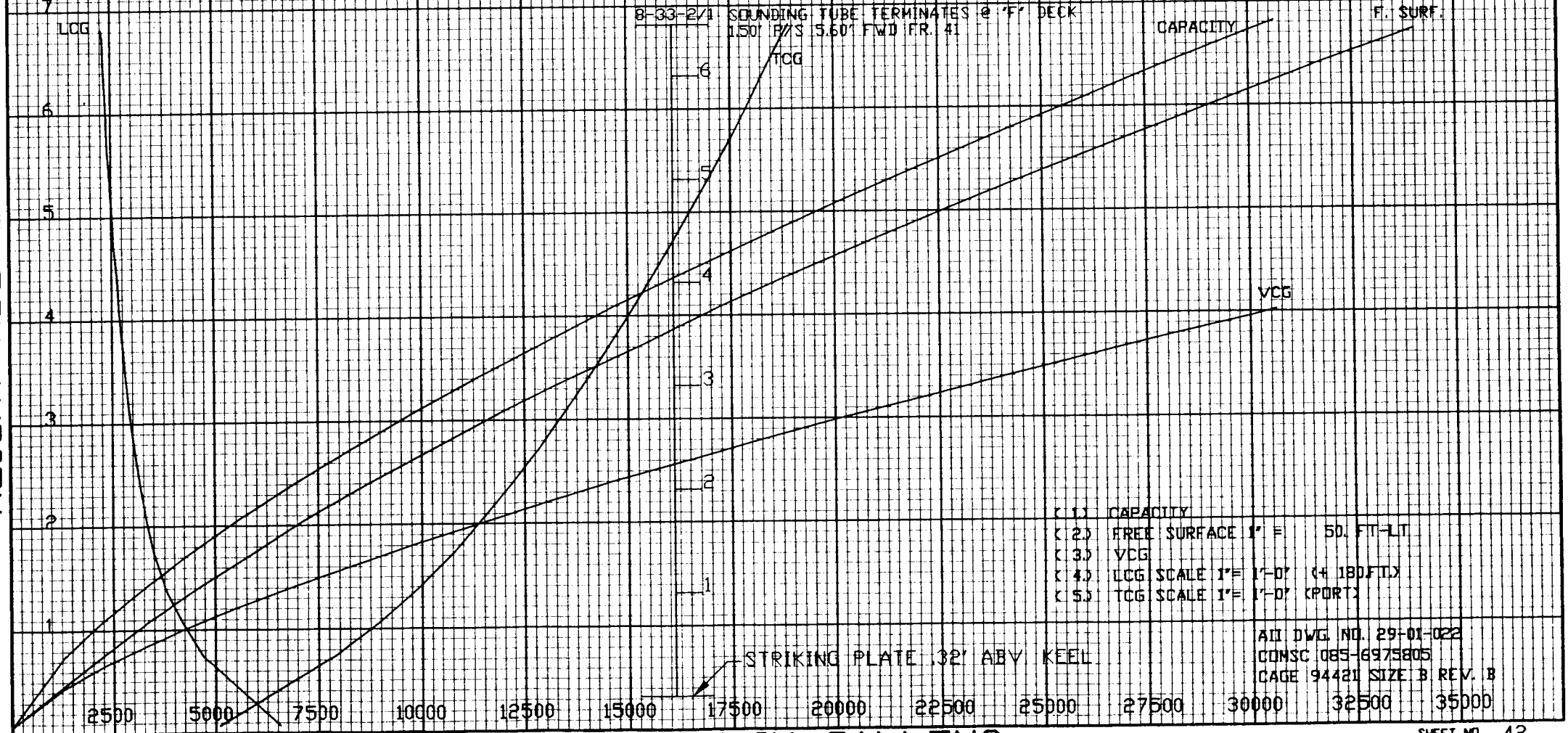
BOTTOM OF TANK = 0.07 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG. (1) FT. FROM C.L.	FREE (2) SURFACE FT-LT
100% FULL	30620.	4.02	180.91	7.57	MAXIMUM
98% FULL	30007.	3.96	180.92	7.52	679.7

NOTE (1) TCG (+) = PORT
(-) = STBD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED

8-33-2/1 SOUNDING TUBE TERMINATES @ 'F' DECK
1.50' B/S 5.60' FWD FR. 41



- (1) CAPACITY
- (2) FREE SURFACE 1" = 50. FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 1'-0" (4 180 FT.)
- (5) TCG SCALE 1" = 1'-0" (PORT)

STRIKING PLATE .32' ABV KEEL

ALL DWG NO. 29-01-022
CONSC 085-6975805
CAGE 94421 SIZE B REV. B

TANK: FUEL OIL TANK NO 2B P OR S 8-38-2/1

HEIGHT ABOVE KEEL - FEET

SCALE IN INCHES

FRAMES 38-44

TOP OF TANK = 6.82 FT ABOVE KEEL

BOTTOM OF TANK = 0.07 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	48679.	3.71	230.86	9.49	MAXIMUM
98% FULL	47705.	3.65	230.86	9.48	915.9

NOTE (1) TCG (+) = PORT
(-) = STBD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED

SOUNDING TUBE TERMINATES 2' F' DECK
8-38-1 1.50' STBD 1.12' FWD FR. 46
CAPACITY

8-38-2
SOUNDING TUBE TERMINATES @ 'F' DECK
1.50' PORT 1.12' FWD FR. 46



- (1) CAPACITY
- (2) FREE SURFACE 1" = 100. FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 1'-0" (4 230FT.)
- (5) TCG SCALE 1" = 1'-0" (PORT)

ALL DWG. NO. 29-01-022
CONSC 085-6975805
CAGE 94421 SIZE B REV. B

TANK: FUEL OIL TANK NO 2C P OR S 8-44-2/1

HEIGHT ABOVE KEEL - FEET

SCALE IN INCHES

FRAMES 44-50

TOP OF TANK = 6.82 FT ABOVE KEEL

BOTTOM OF TANK = 0.07 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	60550.	3.53	284.20	11.45	MAXIMUM
98% FULL	59337.	3.46	284.21	11.45	1349.7

NOTE (1) TCG (+) = PORT
(-) = STBD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED

8-44-2

SOUNDING TUBE TERMINATES 2' F' DECK
4.50' PORT 1.75' FWD FR. 50

LOG

8-44-1

SOUNDING TUBE TERMINATES 2' F' DECK
4.50' PORT 1.75' FWD FR. 50

TCG

CAPACITY

F. SURF.

VCG

- (1) CAPACITY
- (2) FREE SURFACE 1' = 100. FT-LT
- (3) VCG
- (4) LCG SCALE 1' = 1'-0" (+ 280. FT)
- (5) TCG SCALE 1' = 1'-0" (PORT)

STRIKING PLATE 13' ABV. KEEL

STRIKING PLATE 15' ABV. KEEL

ALL DWG. NO. 29-01-022
COMSC 085-6975805
GAGE 94421 SIZE B REV. B

TANK: FUEL OIL TANK NO 3A P OR S 8-50-2/1

HEIGHT ABOVE KEEL - FEET

SCALE IN INCHES

FRAMES 50-57 TOP OF TANK = 6.82 FT ABOVE KEEL BOTTOM OF TANK = 0.07 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	80829.	3.45	341.56	12.97	MAXIMUM
98% FULL	79212.	3.39	341.56	12.97	2136.6

NOTE (1) TCG (+) = PORT (-) = STBD (2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT THIS IS NOT PLOTTED

8-50-2

SOUNDING TUBE TERMINATES 2' F' DECK
92' PORT 156' AFT FR. 56

8-50-1

SOUNDING TUBE TERMINATES 2' F' DECK
92' STBD 156' AFT FR. 56

CAPACITY

F. SURF.

TCG

LCG

VCG

- (1) CAPACITY
- (2) FREE SURFACE 1" = 200. FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 1'-0" (+ 340. FT)
- (5) TCG SCALE 1" = 1'-0" (PORT)

STRIKING PLATE
28" ABV. KEEL

STRIKING PLATE
15" ABV. KEEL

ALL DWG. NO. 29-01-022
COMSC 085-6975805
CAGE 94421 SIZE B REV. B

10000 20000 30000 40000 50000 60000 70000 80000 90000 100000 110000 120000 130000 140000

CAPACITY IN GALLONS

TANK: FUEL OIL TANK NO 3C P OR S 8-64-2/1

HEIGHT ABOVE KEEL - FEET

SCALE IN INCHES

FRAMES 64-71 TOP OF TANK = 6.82 FT ABOVE KEEL BOTTOM OF TANK = 0.07 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	81063.	3.45	467.50	13.00	MAXIMUM
98% FULL	79442.	3.38	467.50	13.00	2136.6

NOTE (1) TCG (+) = PORT (-) = STBD (2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT THIS IS NOT PLOTTED

8-64-2 SOUNDING TUBE TERMINATES @ 'F' DECK 12.47' PORT 1.00' AFT FR. 71

8-64-1 SOUNDING TUBE TERMINATES @ 'F' DECK 12.42' STBD 7.5' FWD FR. 71

LCG

CAPACITY

F. SURF.

TCG

VCG

STRIKING PLATE 32' ABV. KEEL

STRIKING PLATE 15' ABV. KEEL

- (1) CAPACITY
- (2) FREE SURFACE 1" = 200. FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 1'-0" (+ 450 FT.)
- (5) TCG SCALE 1" = 1'-0" (PORT)

ALL DWG. NO. 29-01-022
CONSC 085-6975805
PAGE 94421 SIZE B REV. B

TANK: FUEL OIL TANK NO 4A P OR S 8-71-2/1

HEIGHT ABOVE KEEL - FEET

SCALE IN INCHES

FRAMES 71-78

TOP OF TANK = 6.82 FT ABOVE KEEL

BOTTOM OF TANK = 0.07 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	81063.	3.45	530.50	13.00	MAXIMUM
98% FULL	79442.	3.38	530.50	13.00	2136.6

NOTE (1) TCG (+) = PORT
(-) = STBD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED

SOUNDING TUBE TERMINATES @ 'F' DECK
3.00' STBD 1.75' FWD FR. 80

LCG

8-71-2

SOUNDING TUBE TERMINATES @ 'F' DECK
3.00' PORT 1.75' FWD FR. 80

8-71-1

CAPACITY

F. SURF.

TCG

VCG

STRIKING PLATE .30' ABV. KEEL

STRIKING PLATE .32' ABV. KEEL

- (1) CAPACITY
- (2) FREE SURFACE 1" = 200. FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 1'-0" (+ 530 FT.)
- (5) TCG SCALE 1" = 1'-0" (PORT)

ALL DWG. NO. 29-01-022
COMSC 085-6975805
CAGE 94421 SIZE B REV. B

TANK: FUEL OIL TANK NO 4B P OR S 8-78-2/1

HEIGHT ABOVE KEEL - FEET

SCALE IN INCHES

FRAMES 78-85

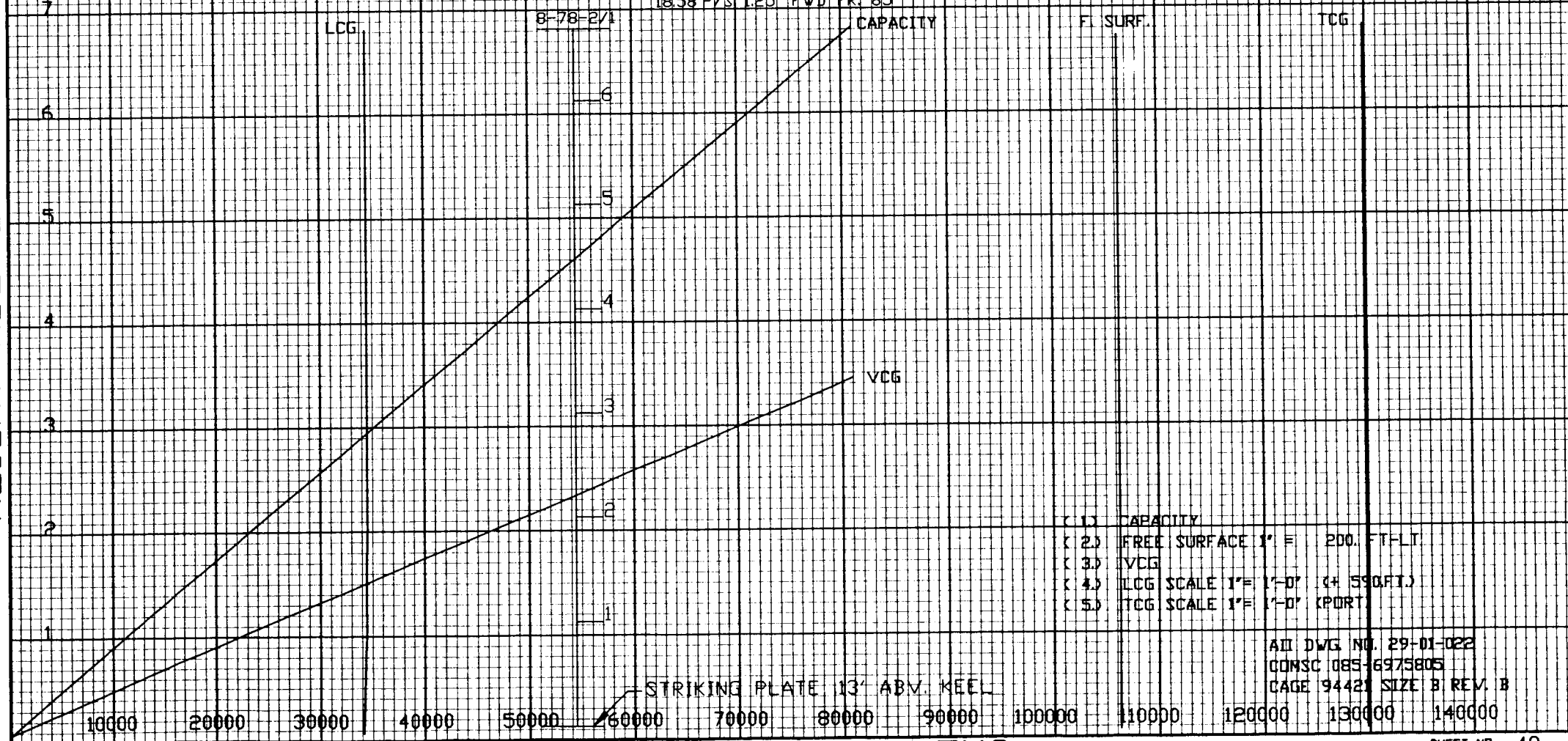
TOP OF TANK = 6.82 FT ABOVE KEEL

BOTTOM OF TANK = 0.07 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	80921.	3.45	593.45	12.98	MAXIMUM
98% FULL	79303.	3.38	593.45	12.98	2126.2

NOTE (1) TCG (+) = PORT
(-) = STARBOARD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED
SOUNDING TUBE TERMINATES @ 18' DECK
18.58' PYS 1.25' FWD FR. 85



- (1) CAPACITY
- (2) FREE SURFACE 1" = 200. FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 1'-0" (+ 550 FT.)
- (5) TCG SCALE 1" = 1'-0" (PORT)

ALL DWG NO. 29-01-022
COMSC 085-6975805
CAGE 94421 SIZE B REV. B

TANK: FUEL OIL TANK NO 6A P OR S 8-99-2/1

HEIGHT ABOVE KEEL - FEET

SCALE IN INCHES

FRAMES 99-103

TOP OF TANK = 31.57 FT ABOVE KEEL

BOTTOM OF TANK = 11.05 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	75747.	23.19	771.75	16.07	MAXIMUM
98% FULL	74232.	23.02	771.74	16.07	705.8

NOTE (1) TCG (+) = PORT
(-) = STBD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED

SOUNDING TUBE TERMINATES @ 'C' DECK
14.58' PORT 42' AFT FR. 99
8-99-2

SOUNDING TUBE TERMINATES @ 'D' DECK
14.58' PORT 42' AFT FR. 99
8-99-1

- (1) CAPACITY
- (2) FREE SURFACE 1" = 100. FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 2'-0" (+ 750 FT)
- (5) TCG SCALE 1" = 2'-0" (PORT)

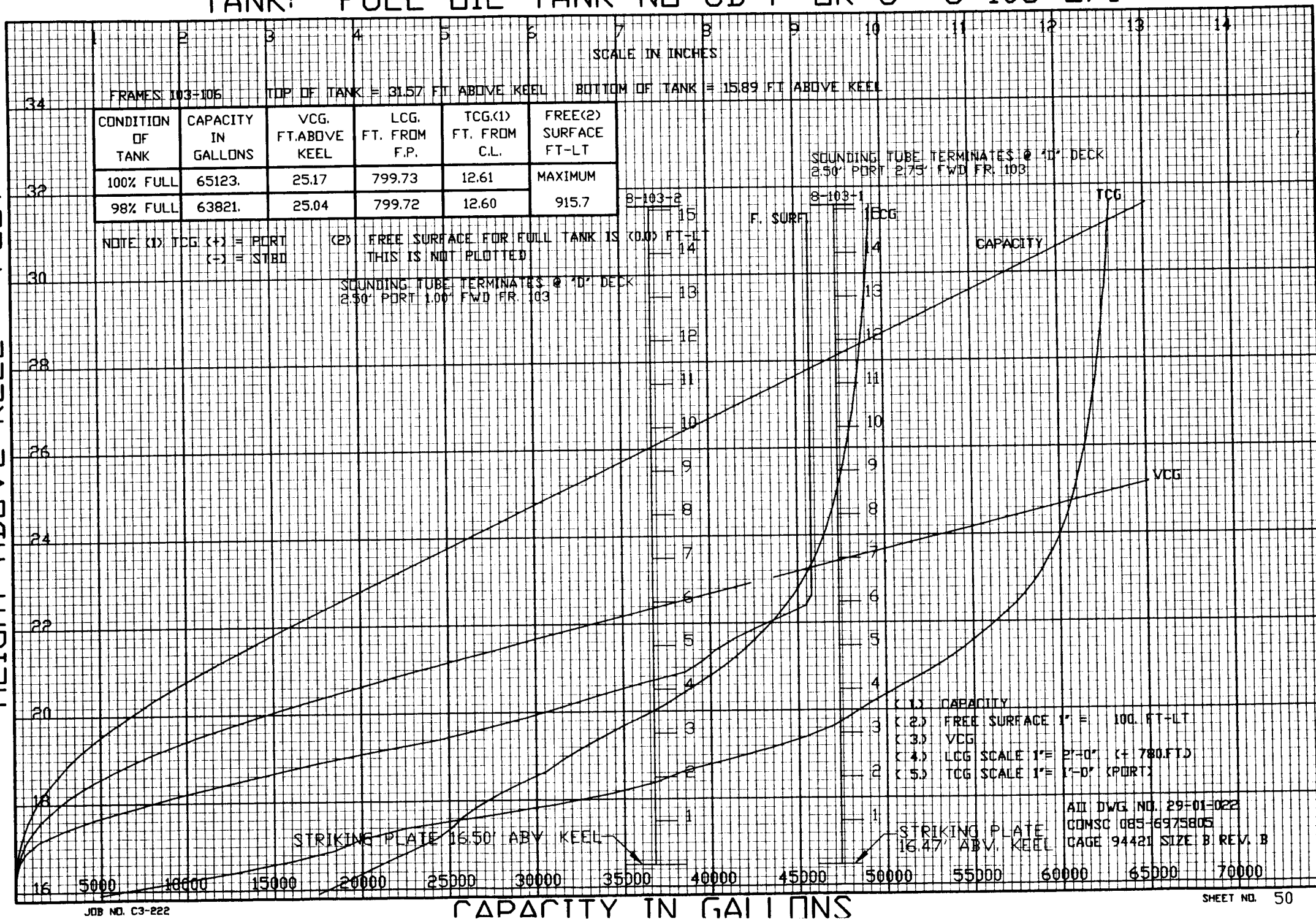
STRIKING PLATE 1127' ABV. KEEL

STRIKING PLATE 1140' ABV. KEEL

ALL DWG NO. 29-01-022
CONSC 085-6975805
PAGE 94421 SIZE B REV. B

TANK: FUEL OIL TANK NO 6B P OR S 8-103-2/1

HEIGHT ABOVE KEEL - FEET



TANK: FUEL OIL TANK NO 6C P OR S 8-106-2/1

HEIGHT ABOVE KEEL - FEET

SCALE IN INCHES

FRAMES 106-109

TOP OF TANK = 31.57 FT ABOVE KEEL

BOTTOM OF TANK = 20.02 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	57393.	27.68	826.00	17.33	MAXIMUM
98% FULL	56245.	27.61	825.97	17.25	4225.2

NOTE (1) TCG (+) = PORT
(-) = STARBOARD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED

SOUNDING TUBE TERMINATES @ 'D' DECK
50' P/S 5.00' AFT FR. 104

8-106-2/1

11
10
9
8
7
6
5
4
3
2
1

F. SURF.

TCG

LCG

CAPACITY

VCG

STRIKING PLATE 20.27' ABV. KEEL

- (1) CAPACITY
- (2) FREE SURFACE 1" = 500. FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 2'-0" (+ 810 FT.)
- (5) TCG SCALE 1" = 2'-0" (PORT)

ALL DWG. NO. 29-01-022
COMSC 085-6975805
PAGE 94421 SIZE B REV. B

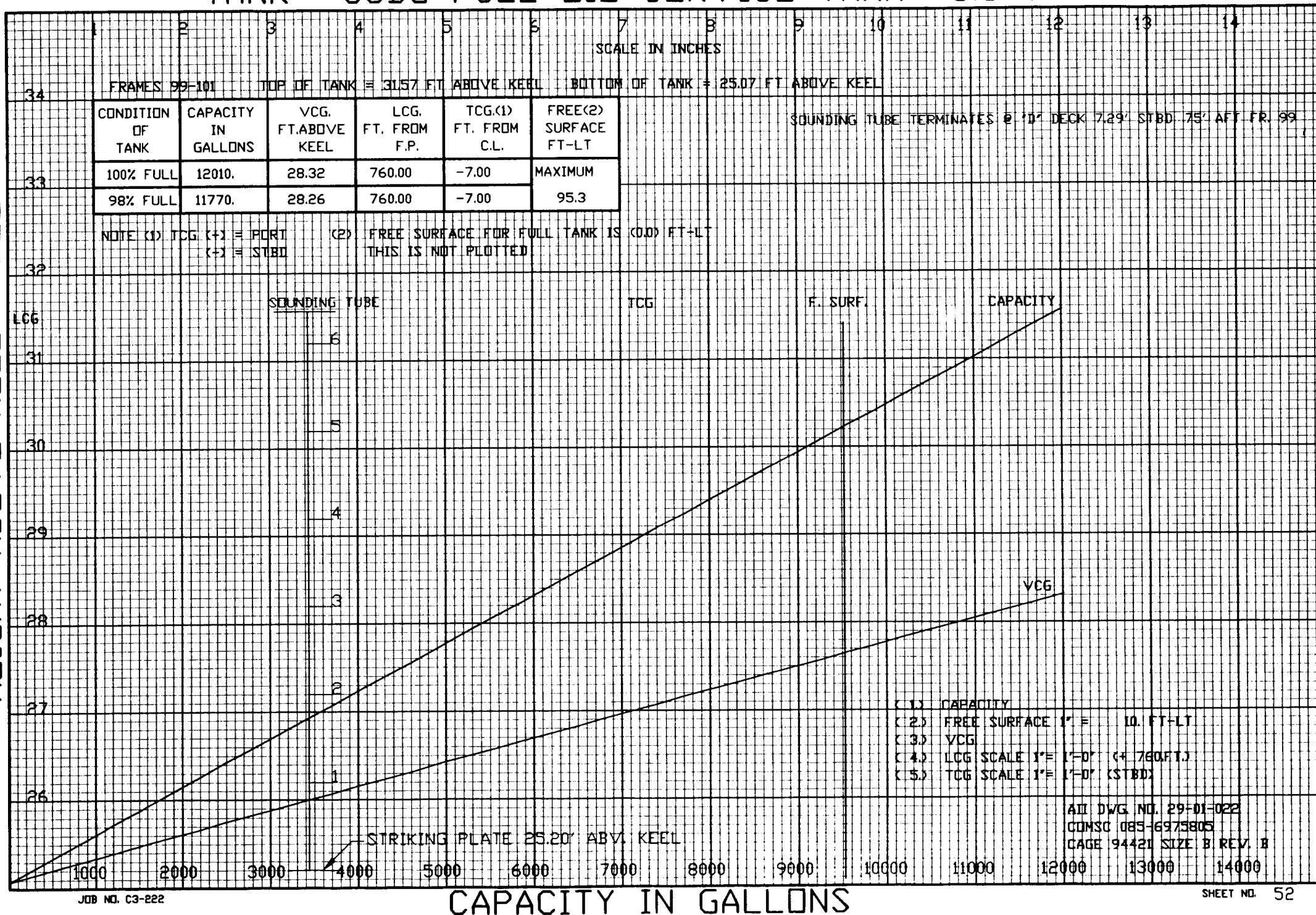
JOB NO. C3-222

CAPACITY IN GALLONS

SHEET NO. 51

TANK: SSDG FUEL OIL SERVICE TANK 6.5-99-1

HEIGHT ABOVE KEEL - FEET



TANK: FUEL OIL SETTLING TANK 8-99-0

HEIGHT ABOVE KEEL - FEET

FRAMES 99-102

TOP OF TANK = 31.57 FT ABOVE KEEL

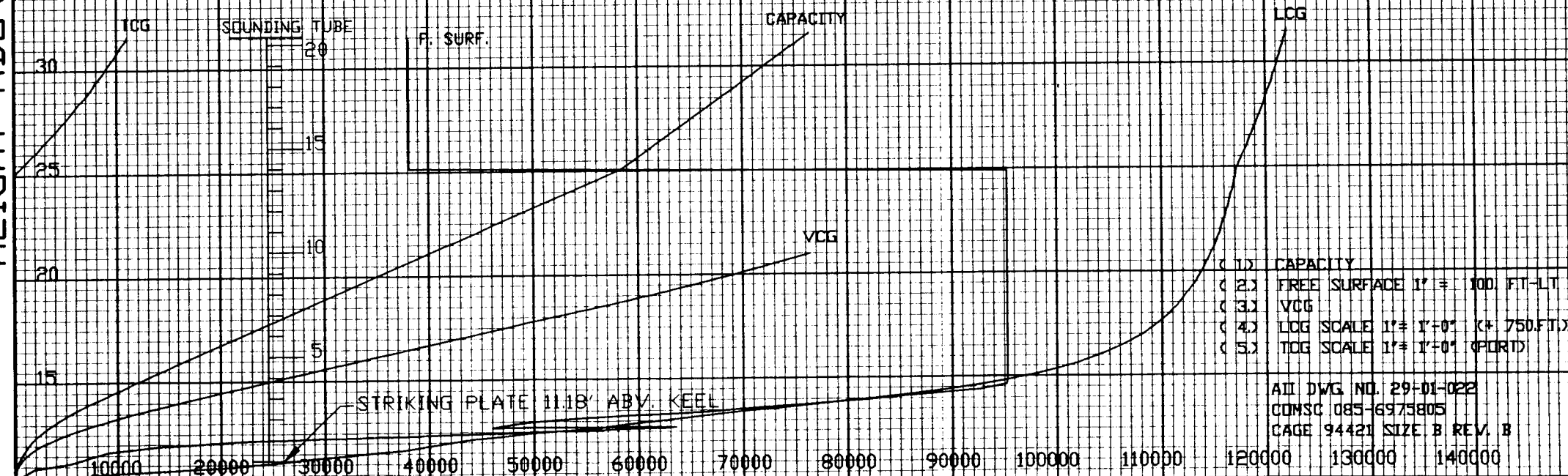
BOTTOM OF TANK = 10.39 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	76446.	20.97	762.21	1.10	MAXIMUM
98% FULL	74917.	20.76	762.17	1.03	953.2

SOUNDING TUBE TERMINATES @ 'D' DECK 2.75' PORT 4.00' AFT FR. 99

NOTE (1) TCG (+) = PORT
(-) = STARBOARD

(2) FREE SURFACE FOR FULL TANK IS 100.0 FT-LT
THIS IS NOT PLOTTED



- (1) CAPACITY
- (2) FREE SURFACE 1" = 100. FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 1'-0" (+ 750. FT.)
- (5) TCG SCALE 1" = 1'-0" (PORT)

ALL DWG. NO. 29-01-022
COMSC 085-6975805
CAGE 94421 SIZE B REV. B

TANK: FUEL OIL SERVICE TANK P 6.5-85-2

HEIGHT ABOVE KEEL - FEET

FRAMES 85-90

TOP OF TANK = 33.07 FT ABOVE KEEL

BOTTOM OF TANK = 22.57 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	30837.	27.82	647.49	48.45	MAXIMUM
98% FULL	30221.	27.72	647.49	48.45	61.4

SOUNDING TUBE TERMINATES @ 'C' DECK 5117' PORT 100' FWD FR. 88

NOTE (1) TCG (+) = PORT
(-) = STBD

(2) FREE SURFACE FOR FULL TANK IS (00) FT-LT
THIS IS NOT PLOTTED

SOUNDING TUBE

10

9

8

7

6

5

4

3

2

1

0

STRIKING PLATE 22.74' ABM. KEEL

F. SURF.

LCG

TCG

CAPACITY

VCG

(1) CAPACITY

(2) FREE SURFACE 1" = 10. FT-LT

(3) VCG

(4) LCG SCALE 1" = 1'-0" (+ 640 FT.)

(5) TCG SCALE 1" = 5'-0" (PORT)

ALL DWG. NO. 29-01-022

CONSC 085-6975805

CAGE 94421 SIZE B REV. B

TANK: FUEL OIL SERVICE TANK S 6.5-85-1

HEIGHT ABOVE KEEL - FEET

SCALE IN INCHES

FRAMES 85-90

TOP OF TANK = 33.07 FT ABOVE KEEL

BOTTOM OF TANK = 22.57 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG (1) FT. FROM C.L.	FREE (2) SURFACE FT-LT
100% FULL	27764.	27.82	645.25	-48.45	MAXIMUM
98% FULL	27209.	27.72	645.25	-48.45	55.3

SOUNDING TUBE TERMINATES @ 10" DECK 51.17' STBD 1.00' FWD FR. 88

NOTE (1) TCG (+) = PORT
(-) = STBD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED

SOUNDING TUBE

LEG F. SURF.

TCG

CAPACITY

VCG

STRIKING PLATE 22.68' ABM. KEEL

- (1) CAPACITY
- (2) FREE SURFACE 1" = 10. FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 1'-0" (+ 640 FT.)
- (5) TCG SCALE 1" = 5'-0" (STBD)

ADD DWG. NO. 29-01-022
COMSC 085-6975805
CAGE 94420 SIZE B REV. B

TANK: EM GEN FO SERVICE TANK 02.5-103-1

HEIGHT ABOVE KEEL - FEET

SCALE IN INCHES

FRAMES 102-104

TOP OF TANK = 124.74 FT ABOVE KEEL

BOTTOM OF TANK = 116.40 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG(1) FT. FROM C.L.	FREE(2) SURFACE FT*4
100% FULL	2566.	120.57	785.13	-8.00	MAXIMUM
98% FULL	2515.	120.49	785.12	-8.00	5.2

NOTE (1) TCG (+) = PORT
(-) = STBD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED

TCG
02.5-103-1

LCG

CAPACITY

SIGHT GLASS LOCATED IN EMERGENCY GENERATOR RM.
02 LEVEL 4'-0" STBD - 6' FWD FR. 102

SIGHT GLASS

F. SURF.

VCG

- (1) CAPACITY
- (2) FREE SURFACE 1" = 1 FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 1'-0" (+775 FT.)
- (5) TCG SCALE 1" = 1'-0" (STBD)

ALL DWG. NO. 29-01-022
COMSC 085-6975805
PAGE 94421 SIZE B REV. B

TANK: ME/SSDG LO STORAGE TANK P 6.5-91-2

HEIGHT ABOVE KEEL - FEET

SCALE IN INCHES

FRAMES 91-93

TOP OF TANK = 33.07 FT ABOVE KEEL

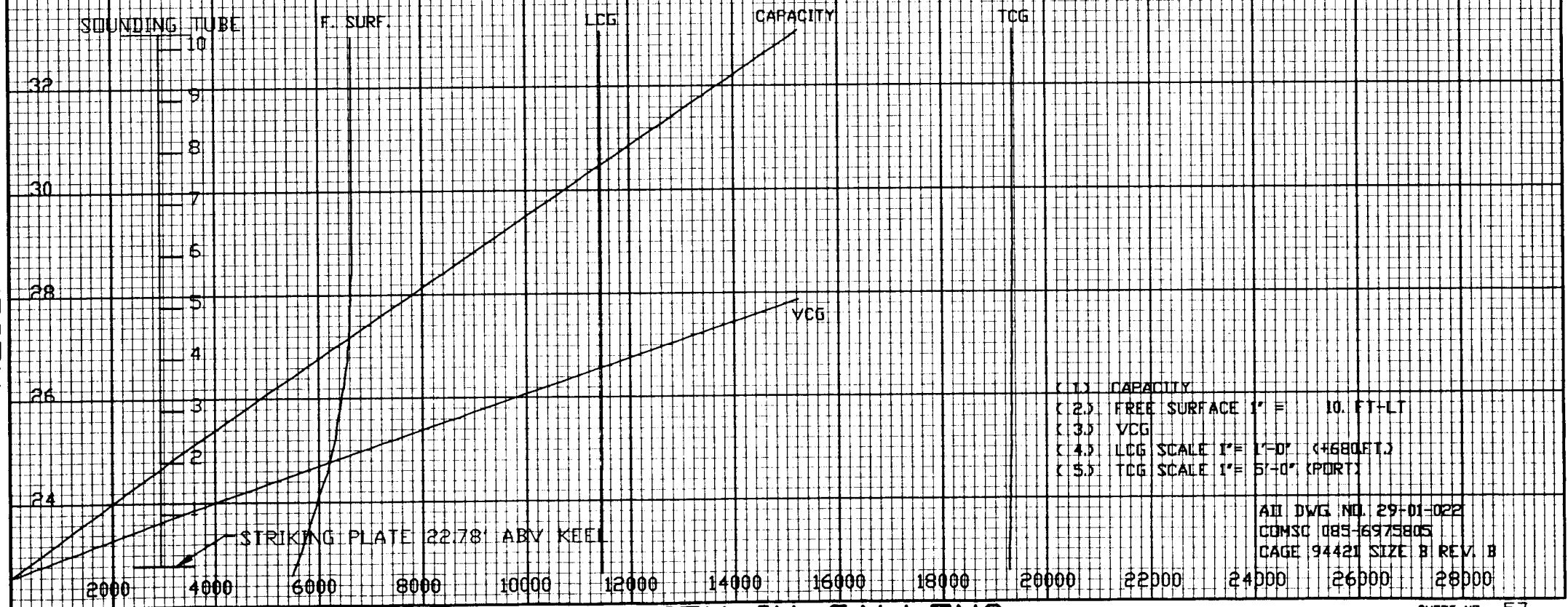
BOTTOM OF TANK = 22.57 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT*4
100% FULL	15237.	27.86	685.72	48.40	MAXIMUM
98% FULL	14933.	27.76	685.72	48.40	33.2

SOUNDING TUBE TERMINATES @ 'C' DECK 48.17' PORT 3.75' AFT FR. 92

NOTE (1) TCG (+) = PORT
(-) = STARBOARD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT+LT
THIS IS NOT PLOTTED



- (1) CAPACITY
- (2) FREE SURFACE 1" = 10. FT+LT
- (3) VCG
- (4) LCG SCALE 1" = 1'-0" (+680 FT.)
- (5) TCG SCALE 1" = 5'-0" (PORT)

AD DWG NO. 29-01-022
COMSC 085-6975805
CAGE 94421 SIZE B REV. B

TANK: ME/SSDG LO STORAGE TANK S 6.5-90-1

HEIGHT ABOVE KEEL - FEET

FRAMES 90-94

TOP OF TANK = 33.07 FT. ABOVE KEEL

BOTTOM OF TANK = 22.57 FT. ABOVE KEEL

SCALE IN INCHES

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	27389.	27.87	685.64	-48.39	MAXIMUM
98% FULL	26852.	27.77	685.63	-48.39	59.9

SOUNDING TUBE TERMINATES @ 33' FLAT 50.58' STBD 1.5' AFT FR. 93

NOTE (1) TCG (+) = PORT
(-) = STBD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED

SOUNDING TUBE



LCG

F. SURF.

TCG

CAPACITY

VCG

STRIKING PLATE 22.71' ABV KEEL

- (1) CAPACITY
- (2) FREE SURFACE 1" = 10. FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 1'-0" (4' 680. FT.)
- (5) TCG SCALE 1" = 5'-0" (STBD)

ALL DWG. NO. 29-01-022
COMSC 085-6975805
CAGE 94421 SIZE B REV. B

JOB NO. C3-222

CAPACITY IN GALLONS

SHEET NO. 58

TANK: ME/SSDG LO SETTLING TANK P 6.5-93-2

HEIGHT ABOVE KEEL - FEET

FRAMES 93-94

TOP OF TANK = 33.07 FT ABOVE KEEL

BOTTOM OF TANK = 22.57 FT ABOVE KEEL

SCALE IN INCHES

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	5990.	27.92	701.49	48.33	MAXIMUM
98% FULL	5870.	27.81	701.49	48.33	13.3

SOUNDING TUBE TERMINATES @ 10' DECK 48.75' PORT 3.00' AFT FR. 93

NOTE (1) TCG (+) = PORT
(-) = STBD

(2) FREE SURFACE FOR FULL TANK IS 10.0' FT-LT
THIS IS NOT PLOTTED

LCG

SOUNDING TUBE

TCG

CAPACITY

F. SURF.

- (1.) CAPACITY
 - (2.) FREE SURFACE 1" = 1. FT-LT
 - (3.) VCG
 - (4.) LCG SCALE 1" = 1'-0" (+ 700FT.)
 - (5.) TCG SCALE 1" = 5'-0" (PORT)
- ALL DWG. NO. 29-01-022
 COMSC 085-6975805
 CAGE 94421 SIZE B REV. B

STRIKING PLATE 22.79' ABM KEEL

TANK: CPP LO STORAGE TANK 5-93-2

HEIGHT ABOVE KEEL - FEET

SCALE IN INCHES

FRAMES 93-94

TOP OF TANK = 44.82 FT ABOVE KEEL

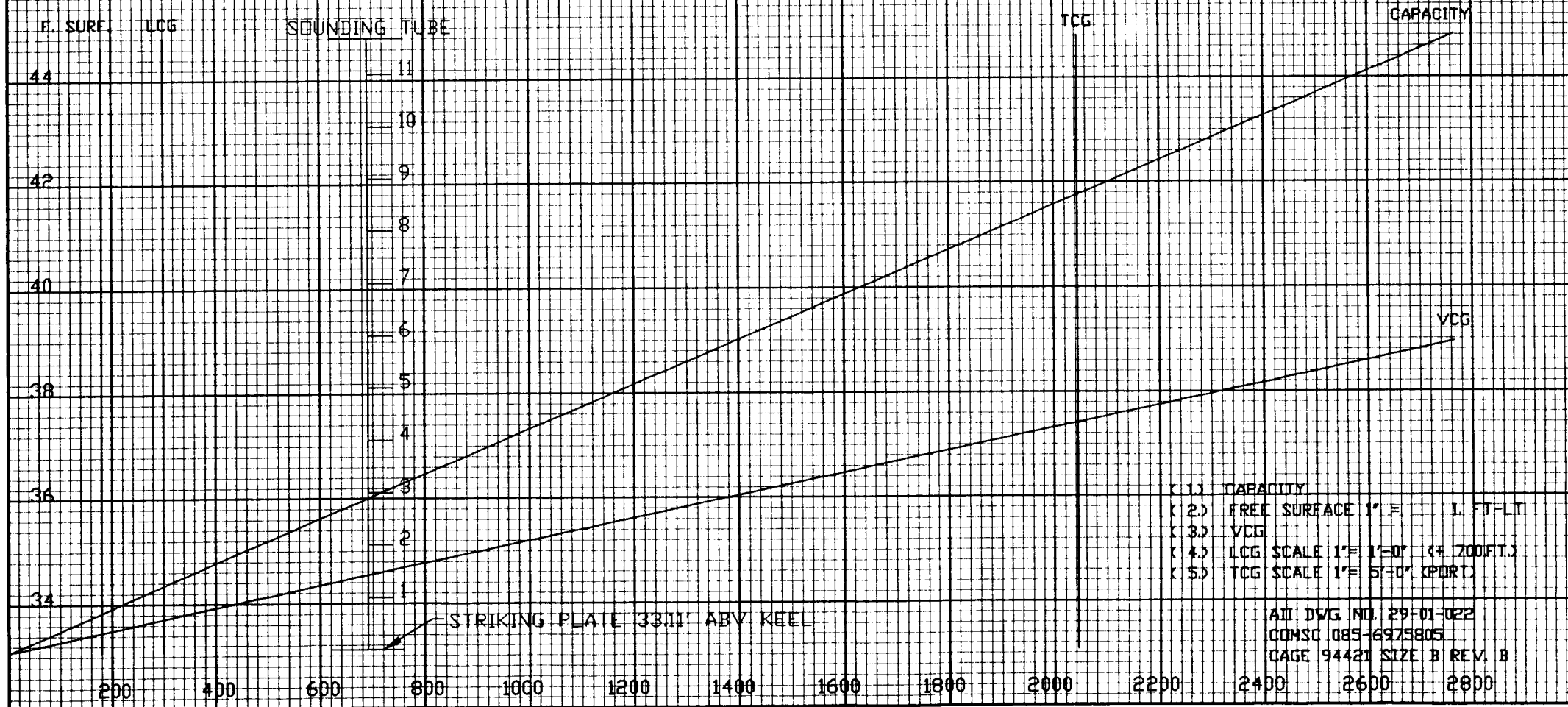
BOTTOM OF TANK = 33.07 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG, FT. ABOVE KEEL	LCG, FT. FROM F.P.	TCG (1) FT. FROM C.L.	FREE (2) SURFACE FT-LT
100% FULL	2765.	38.95	701.50	51.12	MAXIMUM
98% FULL	2710.	38.83	701.50	51.12	0.9

SOUNDING TUBE TERMINATES @ 10' DECK 51.17' PORT 1.50' FWD FR. 94

NOTE (1) TCG (+) = PORT
(-) = STARBOARD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED



- (1) CAPACITY
- (2) FREE SURFACE 1" = 1 FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 1'-0" (+ 700 FT.)
- (5) TCG SCALE 1" = 5'-0" (PORT)

ALL DWG NO. 29-01-022
CONSC 085-6975805
PAGE 94421 SIZE B REV. B

TANK: CPP LO SETTLING TANK 5-95-3

HEIGHT ABOVE KEEL - FEET

FRAMES 94-94

TOP OF TANK = 38.07 FT ABOVE KEEL

BOTTOM OF TANK = 33.07 FT ABOVE KEEL

SCALE IN INCHES

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG. (1) FT. FROM C.L.	FREE (2) SURFACE FT-LT
100% FULL	587.	35.57	710.50	-16.00	MAXIMUM
98% FULL	575.	35.52	710.50	-16.00	0.5

SOUNDING TUBE TERMINATES @ 10' DECK 16.50' STBD 4.75' AFT FR 94

NOTE (1) TCG (+) = PORT
(-) = STBD

(2) FREE SURFACE FOR FULL TANK IS 0.00 FT-LT
THIS IS NOT PLOTTED

F. SURF.

SOUNDING TUBE

LCG

TCG

CAPACITY

VCG

- (1) CAPACITY
- (2) FREE SURFACE 1" = 1. FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 1'-0" (4705 FT.)
- (5) TCG SCALE 1" = 2'-0" (STBD)

STRIKING PLATE 33.11 ABV KEEL

ALL DWG. NO. 29-01-022
COMSC 085-6975805
CAGE 94421 SIZE B REV. B

TANK: RG LO STORAGE TANK 5-92-2

HEIGHT ABOVE KEEL - FEET

SCALE IN INCHES

FRAMES 92-93

TOP OF TANK = 44.82 FT ABOVE KEEL

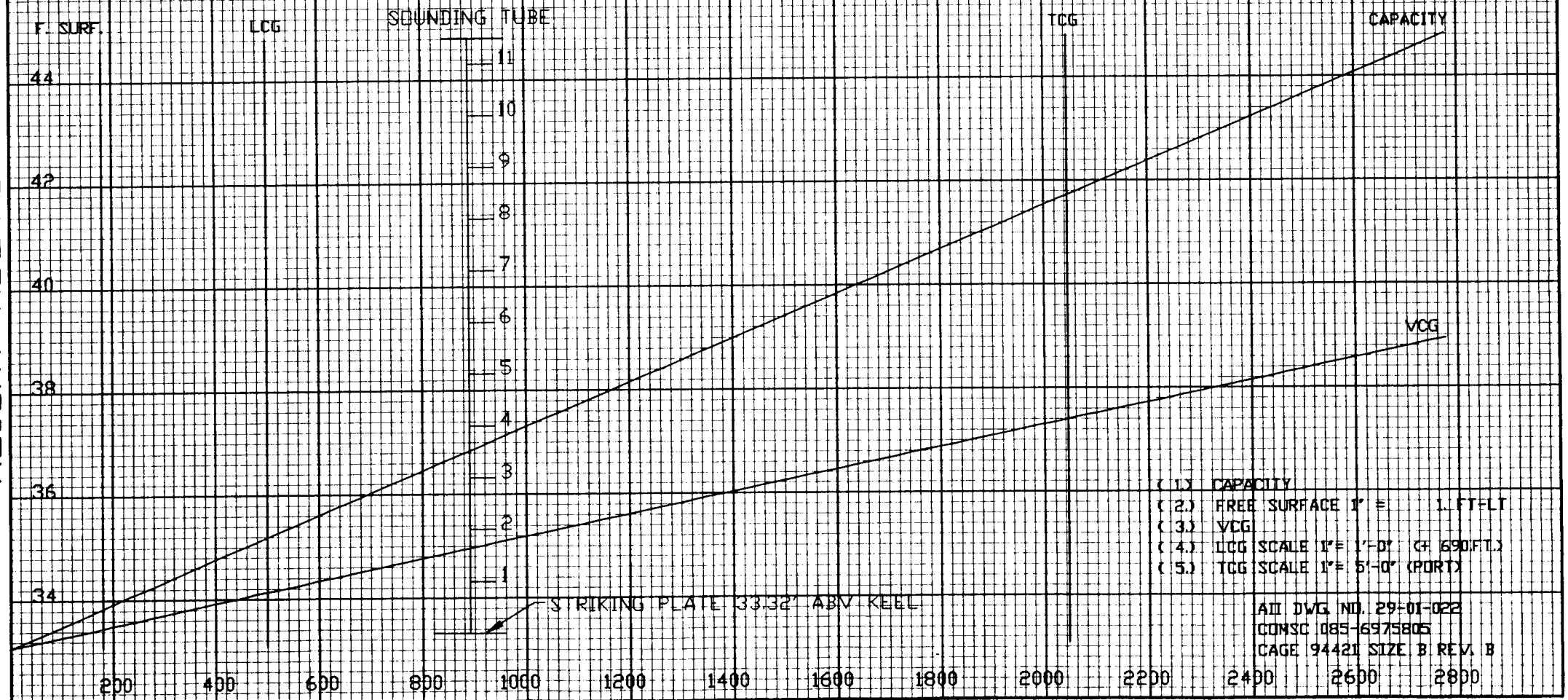
BOTTOM OF TANK = 33.07 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	2776.	38.94	692.50	51.12	MAXIMUM
98% FULL	2721.	38.83	692.50	51.12	0.9

SOUNDING TUBE TERMINATES @ 10' DECK 51.17' PORT 1.00' AFT FR. 93

NOTE (1) TCG (+) = PORT
(-) = STARBOARD

(2) FREE SURFACE FOR FULL TANK IS 0.00 FT-LT
THIS IS NOT PLOTTED



- (1) CAPACITY
- (2) FREE SURFACE 1" = 1 FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 1'-0" (CF 690 FT.)
- (5) TCG SCALE 1" = 5'-0" (PORT)

ADW NO. 29-01-022
CONSC 085-6975805
CAGE 94421 SIZE B REV. B

TANK: RG LO SETTLING TANK 5-95-5

HEIGHT ABOVE KEEL - FEET

FRAMES 94-95

TOP OF TANK = 41.07 FT ABOVE KEEL

BOTTOM OF TANK = 33.07 FT ABOVE KEEL

SCALE IN INCHES

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	1408.	37.07	710.50	-21.00	MAXIMUM
98% FULL	1380.	36.99	710.50	-21.00	1.8

SOUNDING TUBE TERMINATES @ 'D' DECK 18.50' STBD 4.75' AFT FR. 94

F. SURF.

NOTE (1) TCG (+) = PORT
(-) = STBD
(2) FREE SURFACE FOR FULL TANK IS 0.01 FT-LT
THIS IS NOT PLOTTED

SOUNDING TUBE
INCHES

CAPACITY

TCG

VCG

STRIKING PLATE 33.11' ABV KEEL

- (1) CAPACITY
- (2) FREE SURFACE 1" = 1.1 FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 1'-0" (+ 710 FT.)
- (5) TCG SCALE 1" = 2'-0" (STBD)

ADJ DWG NO. 29-01-022
CONSC 085-6975805
PAGE 94421 SIZE B REV. B

TANK: ME LO SUMP TANK P OR S 7.5-86-4/1

HEIGHT ABOVE KEEL - FEET

SCALE IN INCHES

FRAMES 86-90

TOP OF TANK = 10.81 FT ABOVE KEEL

BOTTOM OF TANK = 3.93 FT ABOVE KEEL

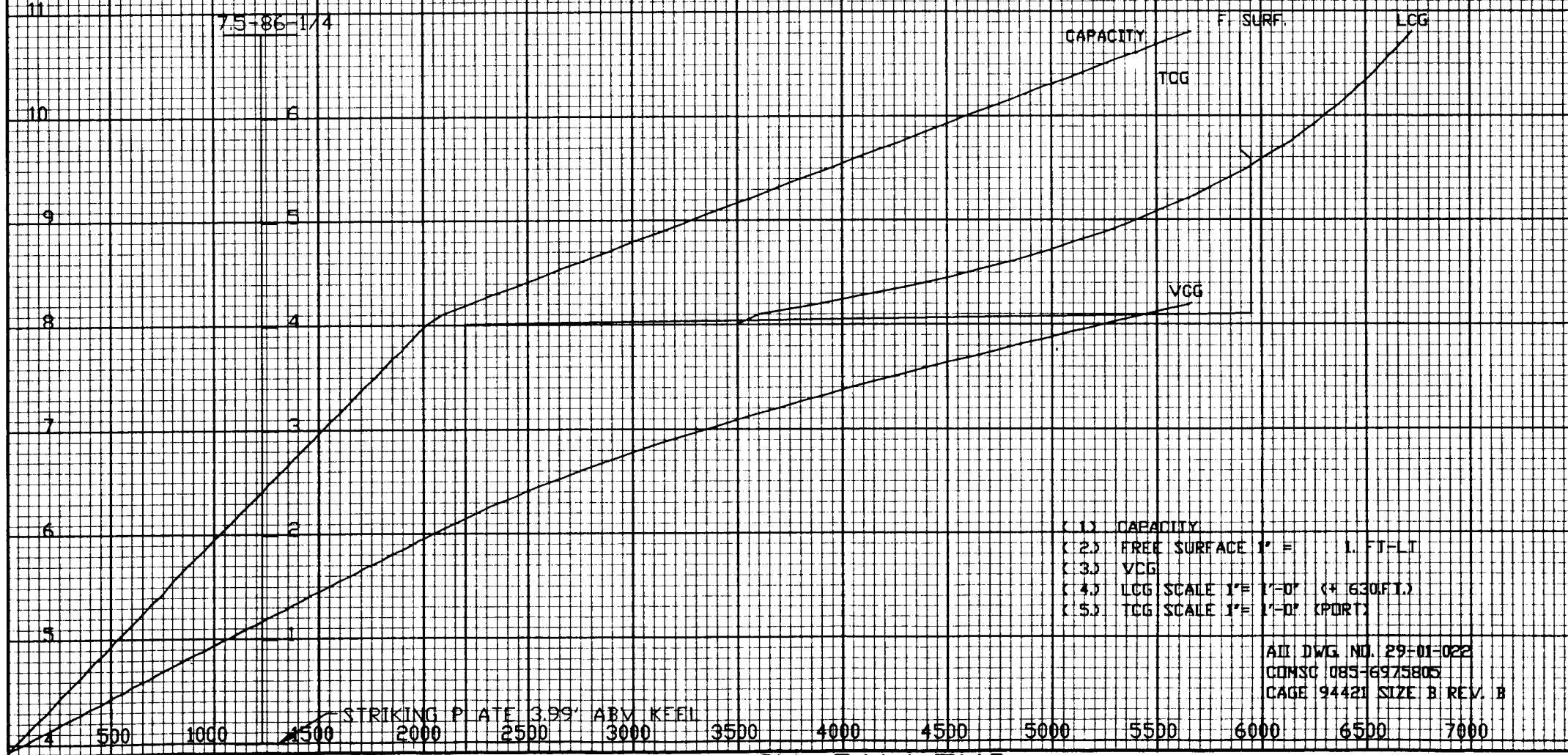
CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	5664.	8.20	643.44	11.00	MAXIMUM
98% FULL	5551.	8.14	643.36	11.00	11.9

7.5-86-1 SOUNDING TUBE TERMINATES @ ENG. RM. 8.75' STBD 67' AFT FR 86
7.5-86-4 SOUNDING TUBE TERMINATES @ ENG. RM. 13.25' PORT 67' AFT FR 86

NOTE (1) TCG (+) = PORT
(-) = STBD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED

7.5-86-1/4

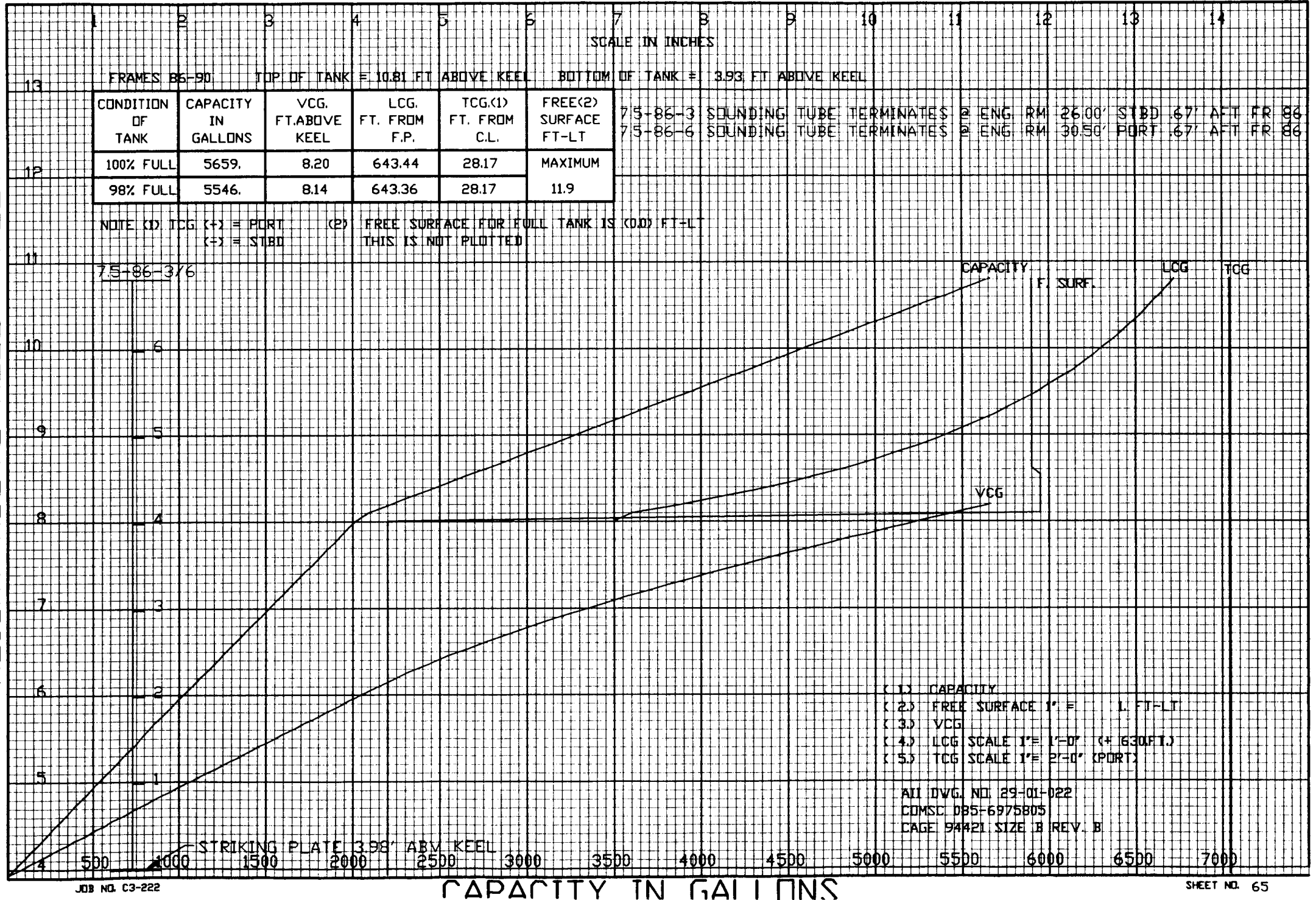


- (1) CAPACITY
- (2) FREE SURFACE 1" = 1. FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 1'-0" (4630 FT.)
- (5) TCG SCALE 1" = 1'-0" (PORT)

AII DWG. NO. 29-01-022
COMSC 085-6975805
CAGE 94421 SIZE B REV. B

TANK: ME LO SUMP TANK P OR S 7.5-86-6/3

HEIGHT ABOVE KEEL - FEET



TANK: CSA WASTE OIL TANK 8-87-2

HEIGHT ABOVE KEEL - FEET

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	9067.	4.31	647.36	19.54	MAXIMUM
98% FULL	8886.	4.23	647.31	19.54	18.0

FRAMES 85-89

TOP OF TANK = 8.07 FT ABOVE KEEL

BOTTOM OF TANK = 0.25 FT ABOVE KEEL

SCALE IN INCHES

SOUNDING TUBE TERMINATES @ 'F' DECK 15.00' PORT 1.00' FWD FR. 85

SOUNDING TUBE

TCG

F. SURF.

NOTE (1) TCG (+) = PORT
(-) = STBD

(2) FREE SURFACE FOR FULL TANK IS 10.01 FT-LT
THIS IS NOT PLOTTED

CAPACITY

VCG

- (1) CAPACITY
- (2) FREE SURFACE 1" = 10. FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 2'-0" (+ 630.FT)
- (5) TCG SCALE 1" = 2'-0" (PORT)

STRIKING PLATE .50' ABV KEEL

AD DWG NO. 29-01-022
CONSC 085-6975805
CAGE 94421 SIZE B REV. B

1000 2000 3000 4000 5000 6000 7000 8000 9000 10000 11000 12000 13000 14000

CAPACITY IN GALLONS

TANK: CSA OILY WASTE HOLDING TANK 8-87-4

HEIGHT ABOVE KEEL - FEET

FRAMES 87-88

TOP OF TANK = 8.07 FT ABOVE KEEL

BOTTOM OF TANK = 1.23 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	2073.	5.08	647.36	35.61	MAXIMUM
98% FULL	2031.	5.03	647.36	35.61	2.6

NOTE (1) TCG (+) = PORT
(-) = STARBOARD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED

SOUNDING TUBE TERMINATES @ 'F' DECK 32.50' PORT 100' FWD FR. 85

SCALE IN INCHES

200

400

600

800

1000

1200

1400

1600

1800

2000

2200

2400

2600

2800

STRIKING PLATE 148' ABV. KEEL

(1) CAPACITY

(2) FREE SURFACE 1" = 1. FT-LT

(3) VCG

(4) LCG SCALE 1" = 1'-0" (+ 640 FT.)

(5) TCG SCALE 1" = 5'-0" (PORT)

AD DWG NO. 29-01-022

COMSC 085-6975805

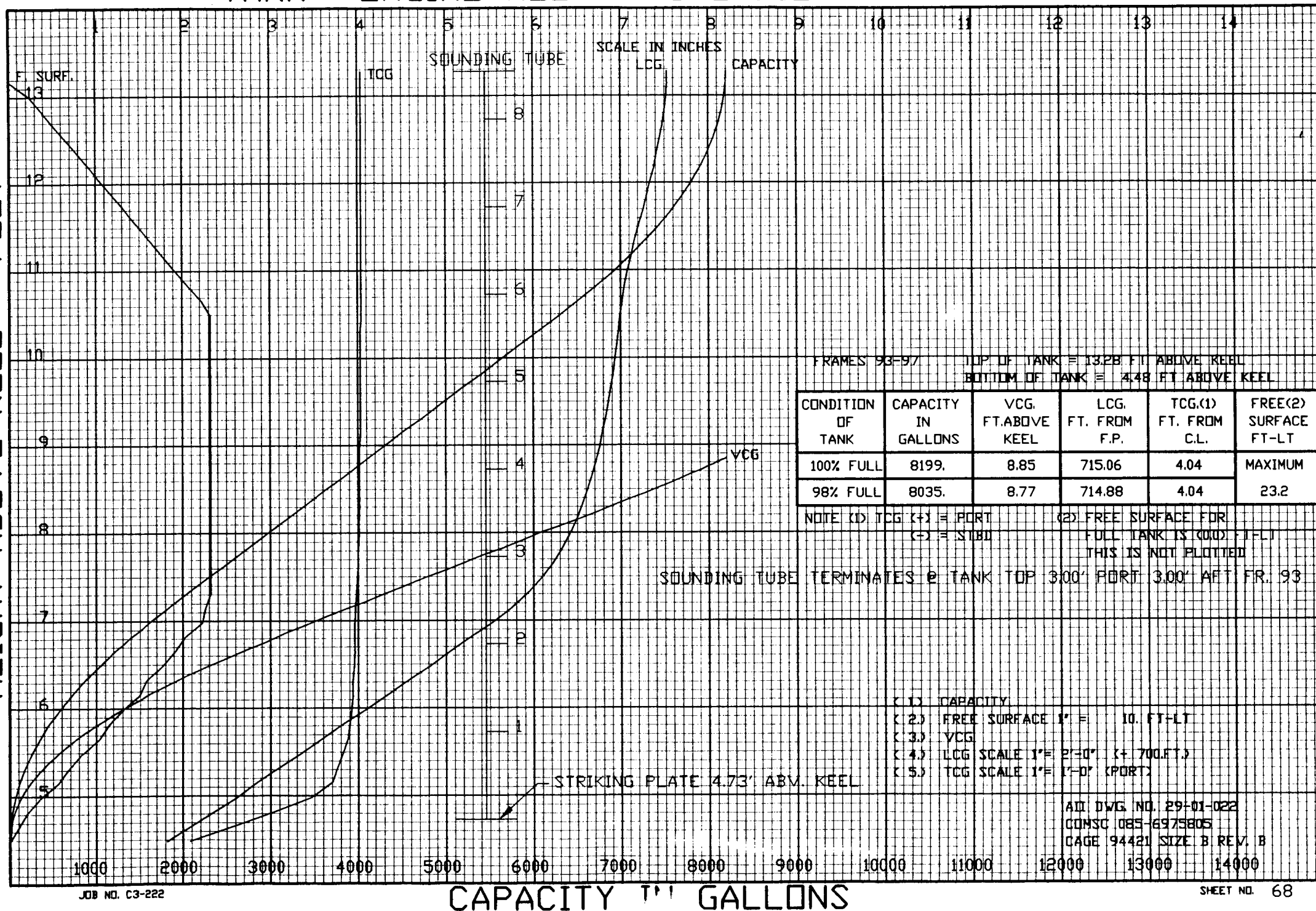
CAGE 94421 SIZE B REV. B

SHEET NO. 67

CAPACITY IN GALLONS

TANK: ENGINE ROOM WASTE OIL TANK 8-94-2

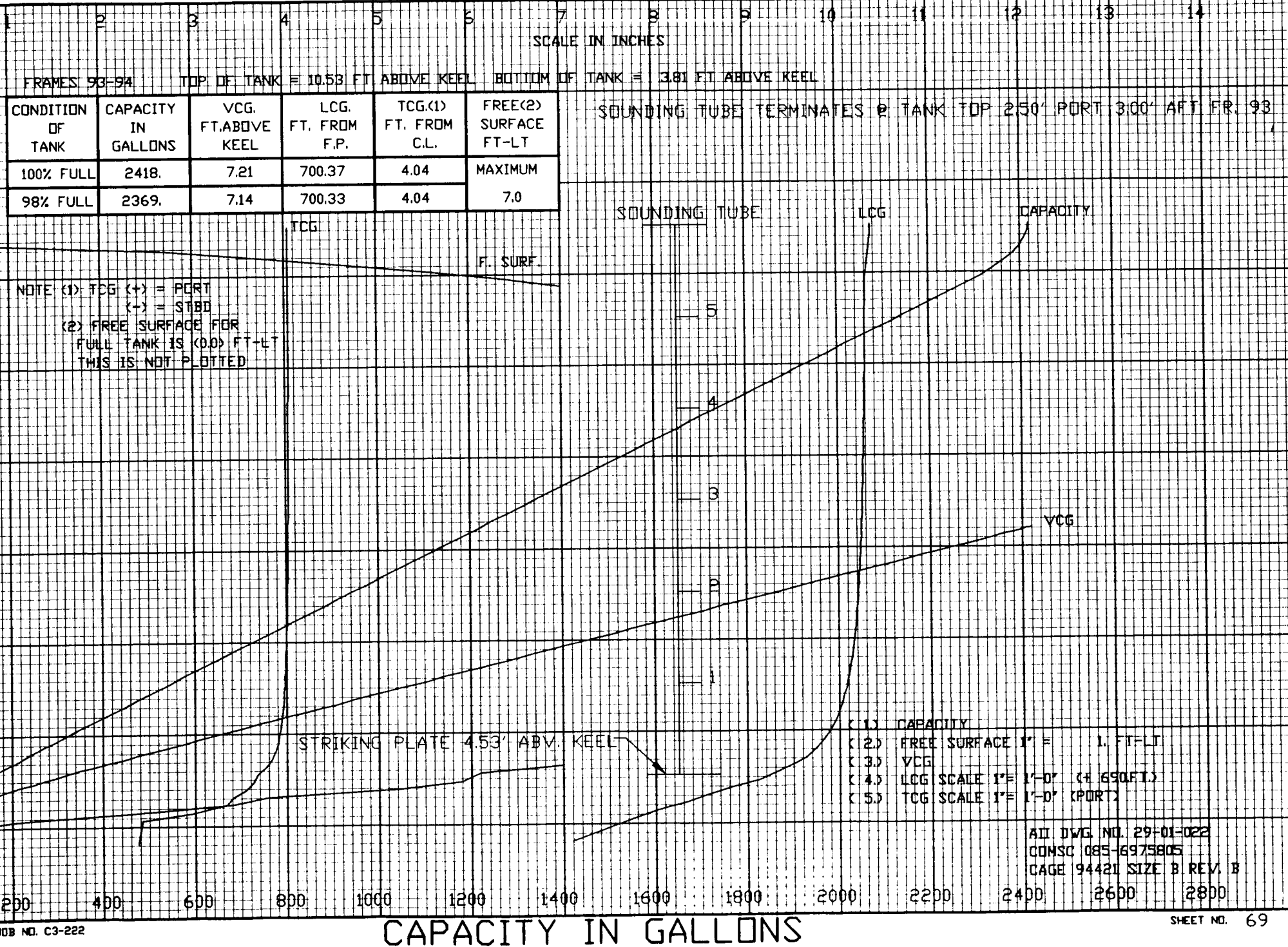
HEIGHT ABOVE KEEL - FEET



TANK: ENGINE ROOM OILY WASTE HOLDING TANK

8-93-2

HEIGHT ABOVE KEEL - FEET



TANK: OILY WASTE DRAIN COLLECTING TANK 7.5-86-2

HEIGHT ABOVE KEEL - FEET

SCALE IN INCHES

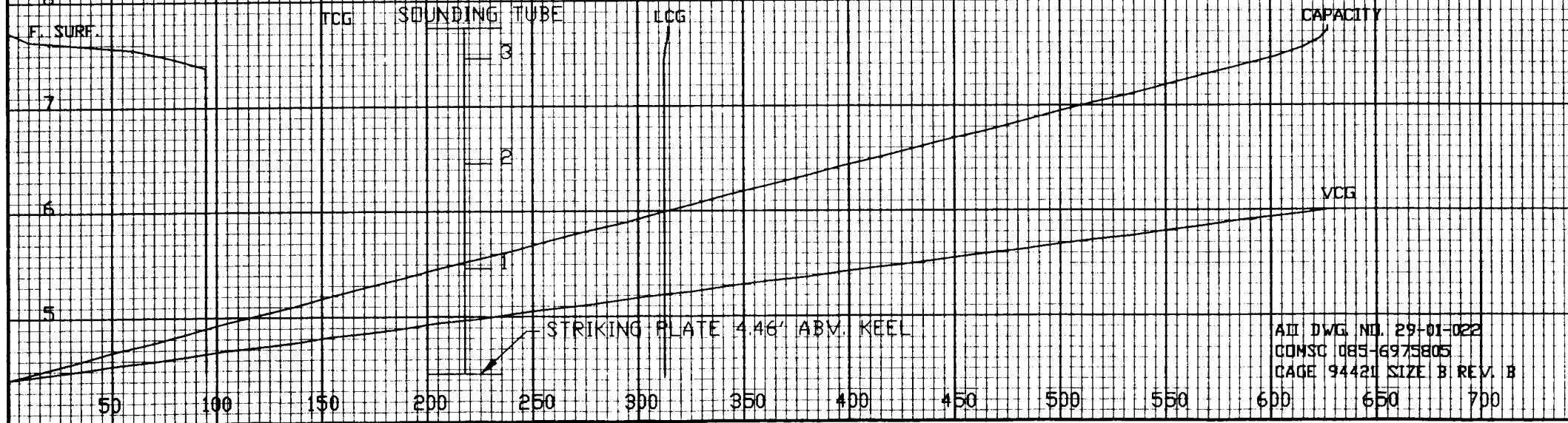
FRAMES 86-87 TOP OF TANK = 7.75 FT ABOVE KEEL BOTTOM OF TANK = 4.42 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG (1) FT. FROM C.L.	FREE (2) SURFACE FT-LT
100% FULL	627.	6.00	636.29	3.00	MAXIMUM
98% FULL	615.	5.97	636.26	3.00	1.9

SOUNDING TUBE TERMINATES @ TANK TOP 3.75' PORT .33' AFT FR. 86

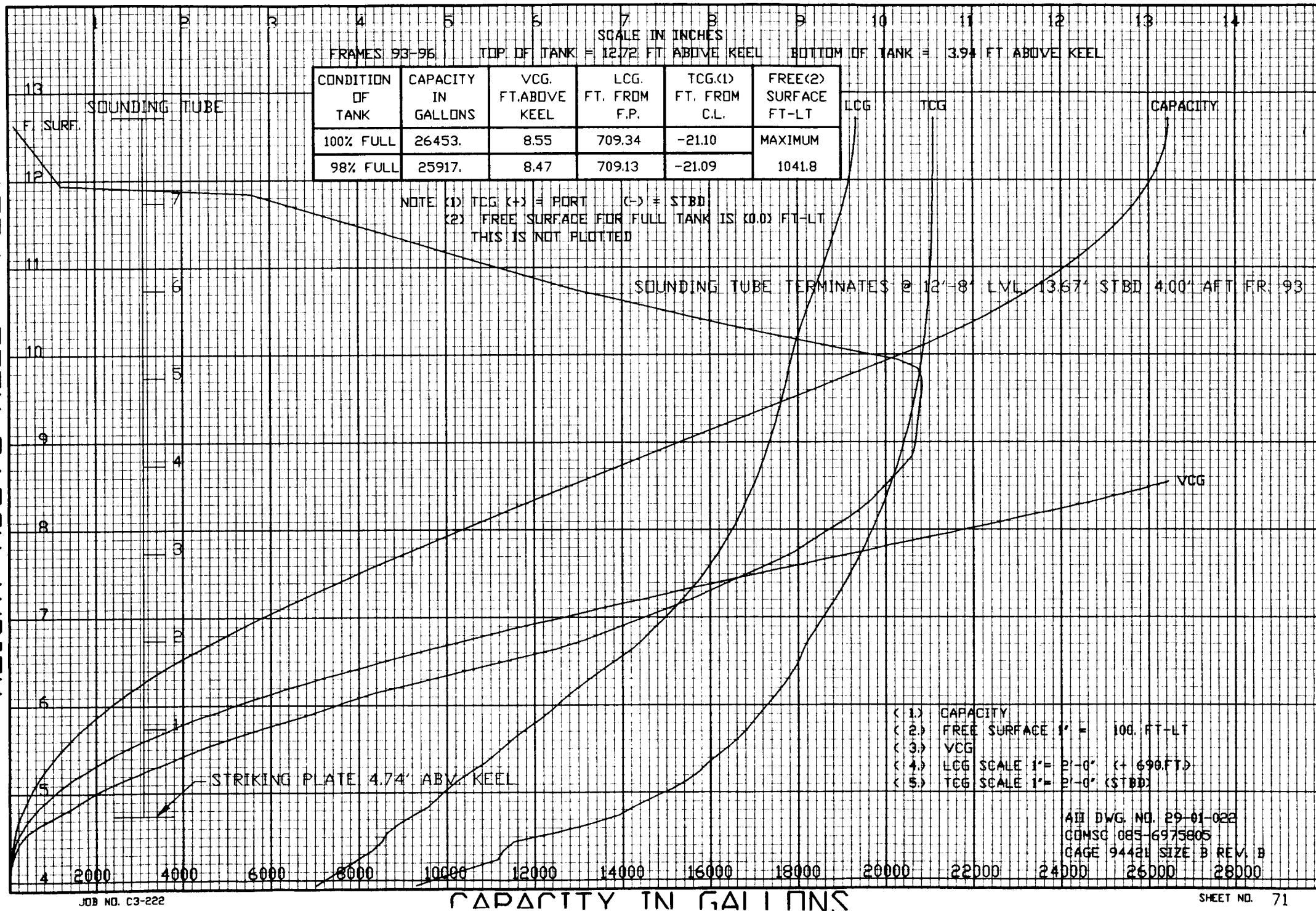
NOTE (1) TCG (+) = PORT (-) = STBD (2) FREE SURFACE FOR FULL TANK IS 1.00 FT-LT THIS IS NOT PLOTTED

- (1) CAPACITY
- (2) FREE SURFACE 1' = 1. FT-LT
- (3) VCG
- (4) LCG SCALE 1' = 1'-0" (+ 630 FT.)
- (5) TCG SCALE 1' = 1'-0" (PORT)



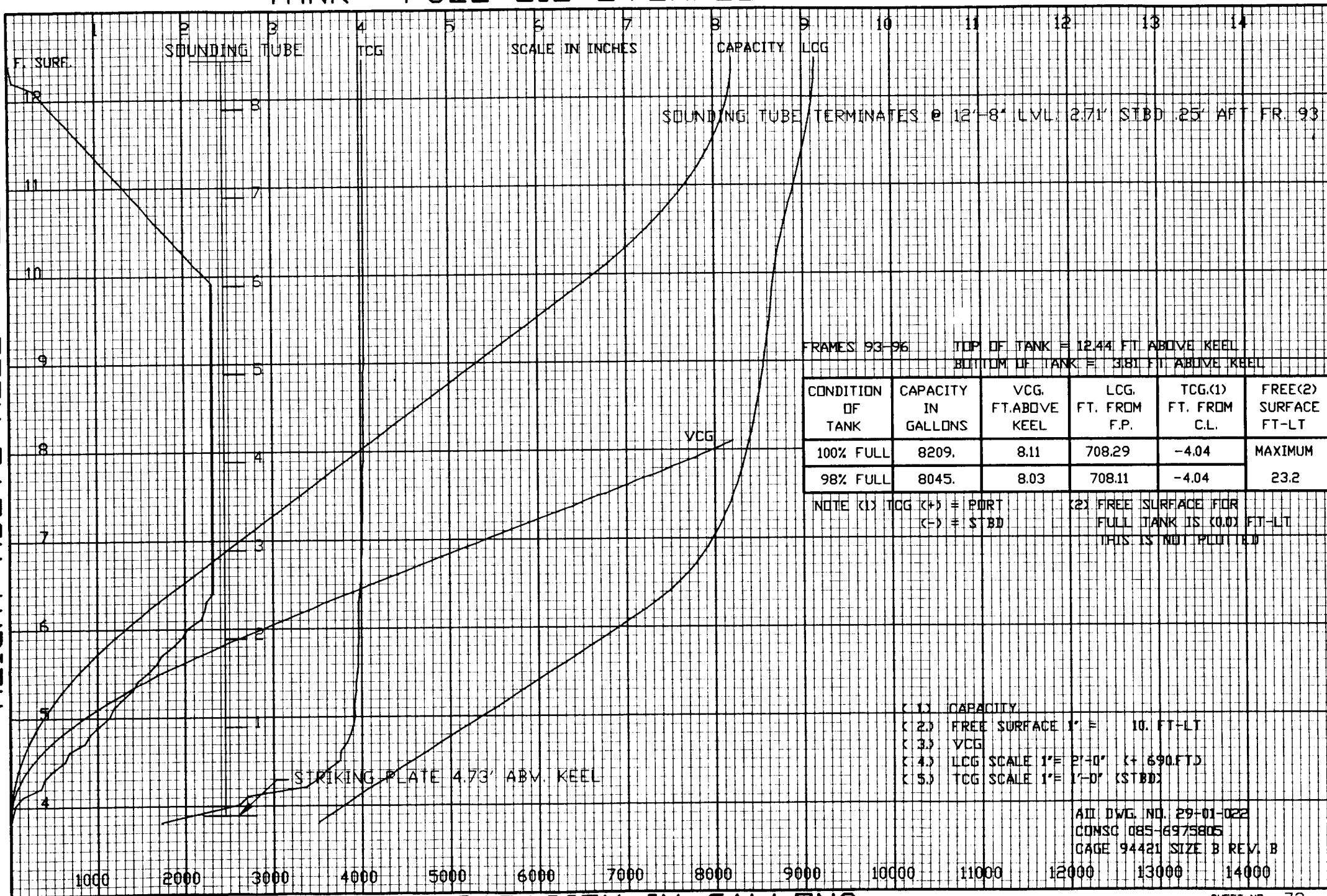
TANK: USED OIL TANK 8-93-3

HEIGHT ABOVE KEEL - FEET



TANK: FUEL OIL OVERFLOW TANK 8-93-1

HEIGHT ABOVE KEEL - FEET



FRAMES 93-96

TOP OF TANK = 12.44 FT. ABOVE KEEL

BOTTOM OF TANK = 3.81 FT. ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG, FT. ABOVE KEEL	LCG, FT. FROM F.P.	TCG (1) FT. FROM C.L.	FREE (2) SURFACE FT-LT
100% FULL	8209.	8.11	708.29	-4.04	MAXIMUM
98% FULL	8045.	8.03	708.11	-4.04	23.2

NOTE (1) TCG (+) = PORT
(-) = STBD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED

(1) CAPACITY

(2) FREE SURFACE 1" = 10. FT-LT

(3) VCG

(4) LCG SCALE 1" = 2'-0" (+ 690.FT)

(5) TCG SCALE 1" = 1'-0" (STBD)

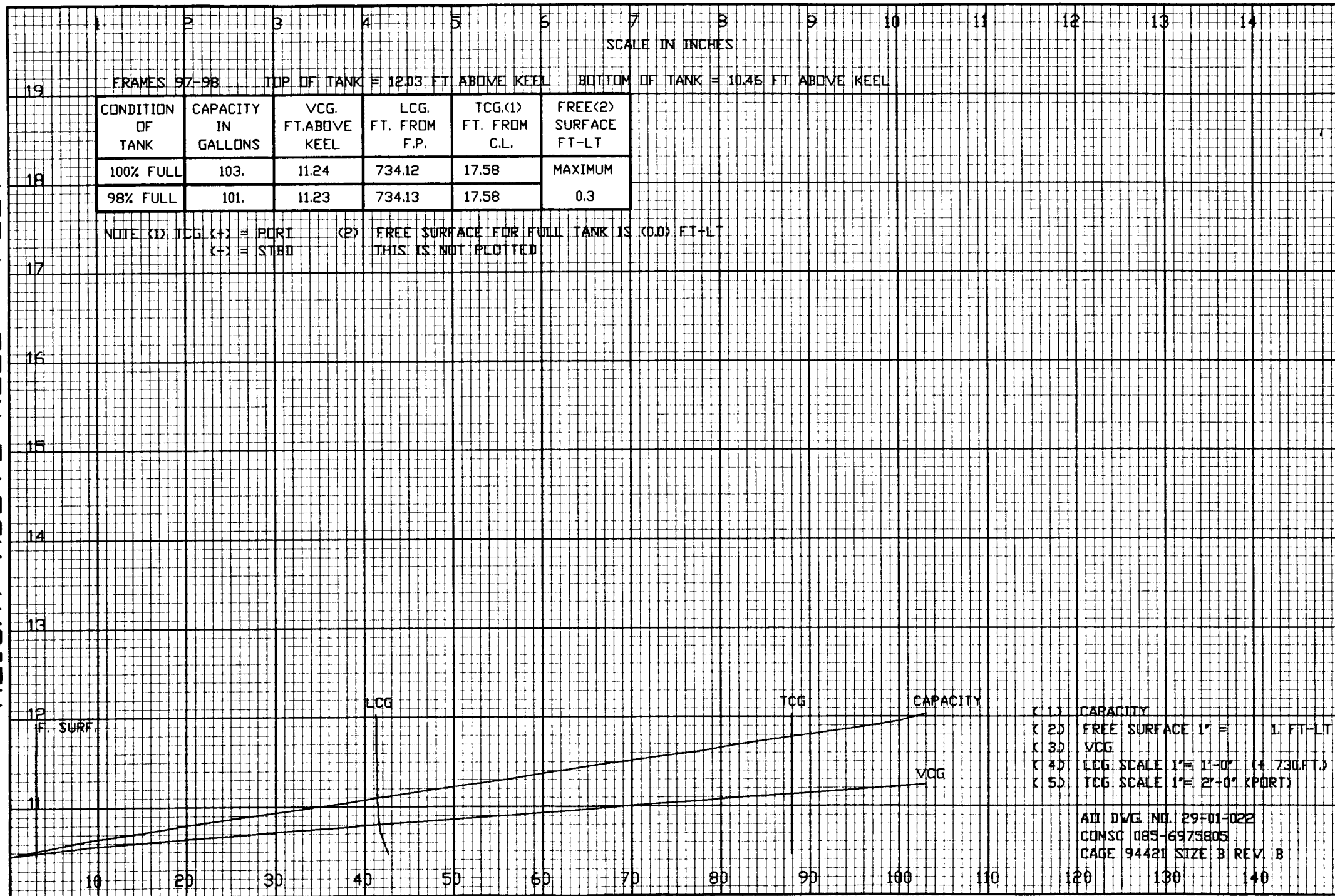
ALL DWG. NO. 29-01-022

COMSC 085-6975805

CAGE 94421 SIZE B REV. B

TANK: STERN TUBE LD DRAIN TANK P OR S 7.5-97-2/1

HEIGHT ABOVE KEEL - FEET



TANK: VCHT TANK 2.5-91-2

HEIGHT ABOVE KEEL - FEET

1 2 3 4 5 6 7 8 9 10 11 12 13 14

SCALE IN INCHES

FRAMES 91-92

TOP OF TANK = 72.07 FT ABOVE KEEL

BOTTOM OF TANK = 62.57 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	2352.	67.35	681.01	45.17	MAXIMUM
					5.5

NOTE (1) TCG (+) = PORT
(-) = STBD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED

LCG

F. SURF.

TCG

CAPACITY

VCG

- (1) CAPACITY
- (2) FREE SURFACE 1" = 1. FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 1'-0" (+ 680 FT.)
- (5) TCG SCALE 1" = 5'-0" (PORT)

ALL DWG. NO. 29-01-022
COMSC 085-6975805
CAGE 94421 SIZE B REV. B

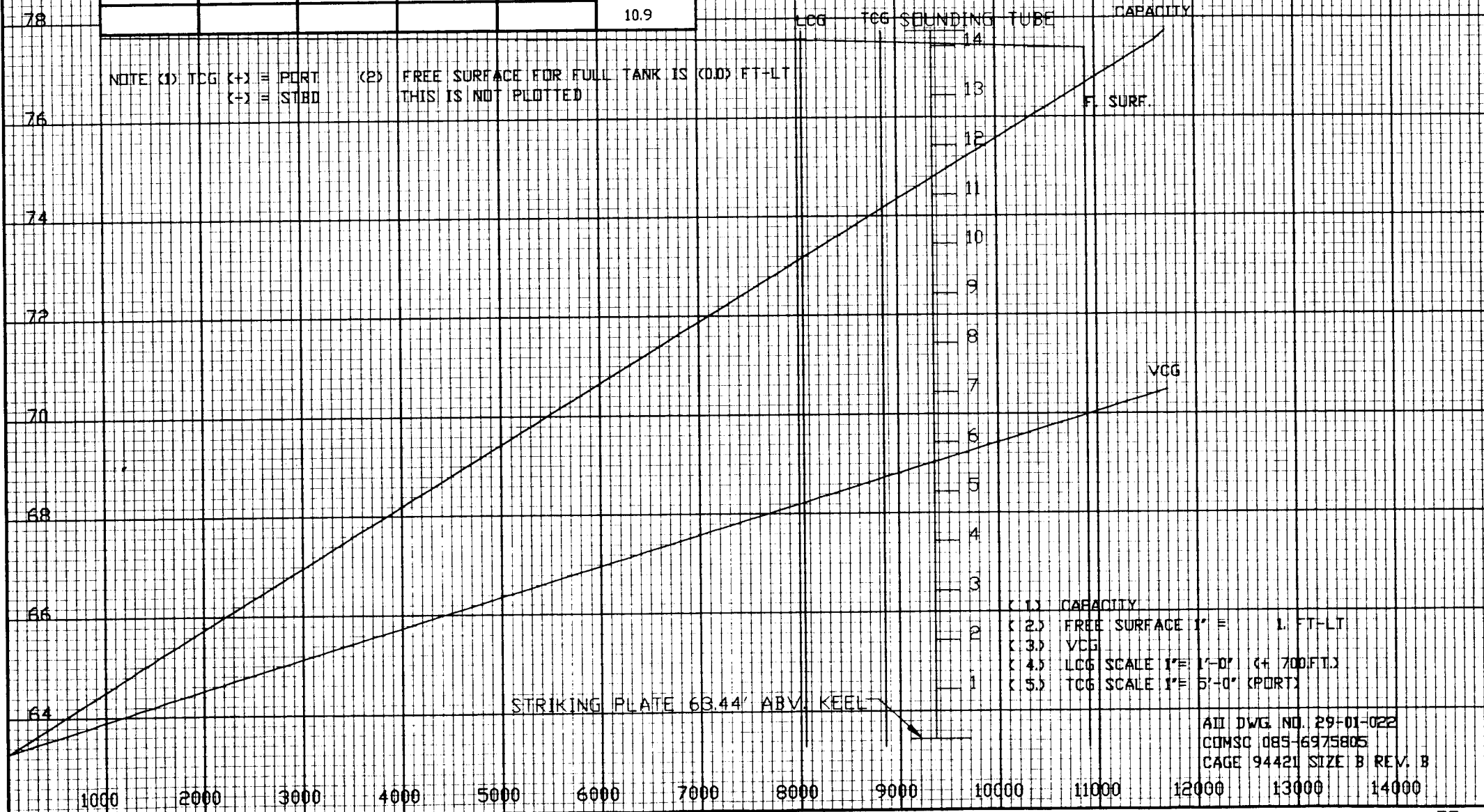
TANK: WASTE WATER TANK 2.5-94-2

HEIGHT ABOVE KEEL - FEET

FRAMES 93-95					
TOP OF TANK = 77.74 FT ABOVE KEEL					
SCALE IN INCHES					
BOTTOM OF TANK = 63.28 FT ABOVE KEEL					
CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	11707.	70.48	708.05	44.24	MAXIMUM
					10.9

SOUNDING TUBE TERMINATES @ 'AB' DECK 44.50' PORT 11.50' AFT FR. 94

NOTE (1) TCG (+) = PORT (-) = STBD
(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT THIS IS NOT PLOTTED



- (1) CAPACITY
- (2) FREE SURFACE 1" = 1 FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 1'-0" (4700 FT.)
- (5) TCG SCALE 1" = 5'-0" (PORT)

ALL DWG. NO. 29-01-022
COMSC 085-6975805
CAGE 94421 SIZE B REV. B

TANK: FIXED BALLAST TANK 8-57-0

HEIGHT ABOVE KEEL - FEET

SCALE IN INCHES

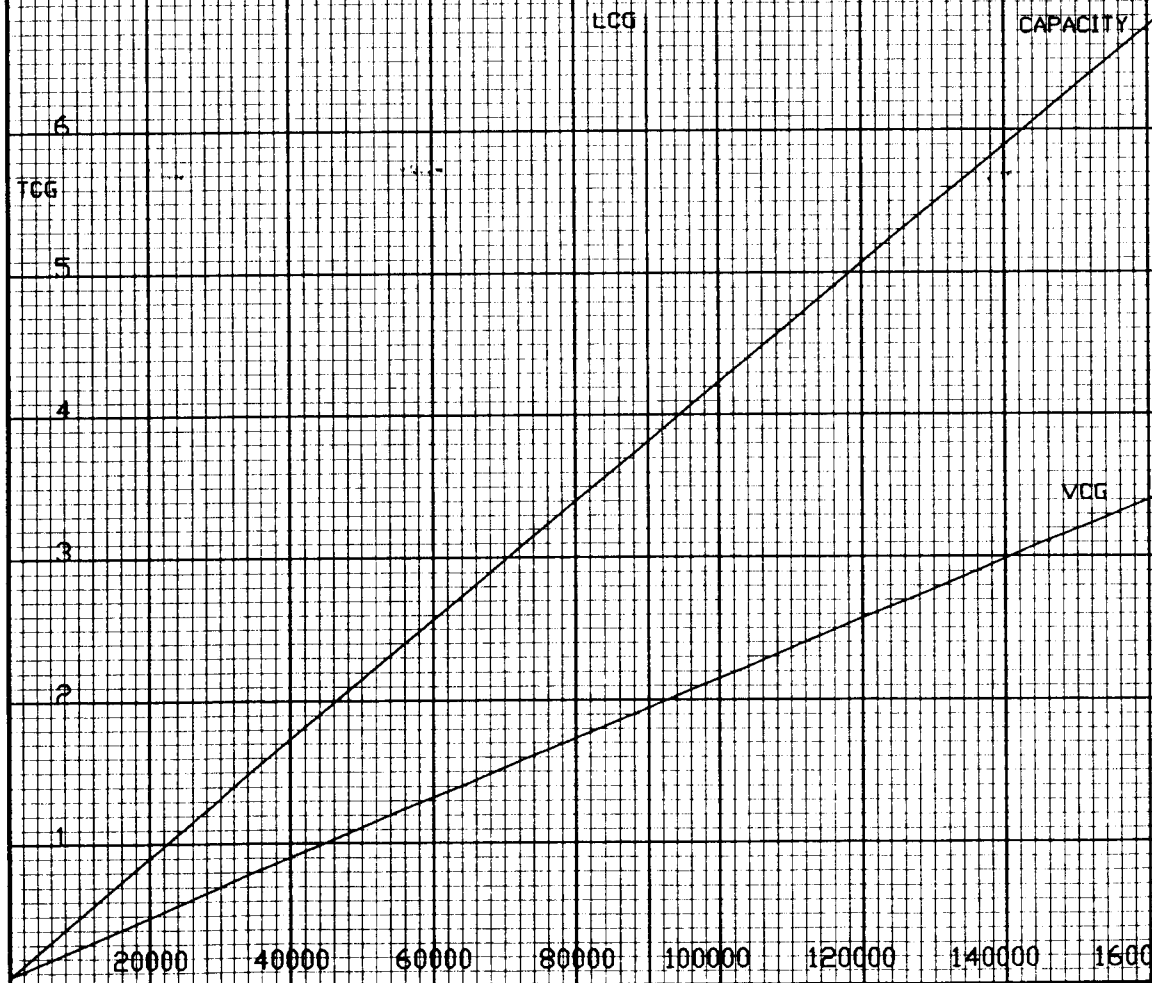
FRAMES 57-64

TOP OF TANK = 6.82 FT ABOVE KEEL

BOTTOM OF TANK = 0.07 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	162126.	3.45	404.50	0.00	N/A

NOTE (1): SYMMETRICAL TANK
TCG = 0 AT ALL LEVELS



- (1) CAPACITY
- (2) FREE SURFACE NOT APPLICABLE
- (3) VCG
- (4) LCG SCALE 1"= 1'-0" (+ 400FT.)

ALL DWG. NO. 29-01-022
COMSC 085-6975805
CAGE 94421 SIZE B REV. B